

# CITATION REPORT

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**Bcl-2 heterodimerizes in vivo with a conserved homolog, Bax, that accelerates programmed cell death**

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#	Paper	IF	Citations
2259	Tanshinone I effectively induces apoptosis in estrogen receptor-positive (MCF-7) and estrogen receptor-negative (MDA-MB-231) breast cancer cells. <b>1992</b> , 33, 485		8
2258	Multiple organ failure of tumor-bearing rabbits in cancer cachexia is caused by apoptosis of normal organ cells. <b>1992</b> , 34, 61		1
2257	Enhancement of hypoxia-induced apoptosis of human breast cancer cells via STAT5b by momilactone B. <b>1992</b> , 33, 477		6
2256	A boom time for necrobiology. <b>1993</b> , 3, 877-8		14
2255	Bcl-2-deficient mice demonstrate fulminant lymphoid apoptosis, polycystic kidneys, and hypopigmented hair. <i>Cell</i> , <b>1993</b> , 75, 229-40	56.2	1653
2254	Bcl-2 functions in an antioxidant pathway to prevent apoptosis. <i>Cell</i> , <b>1993</b> , 75, 241-51	56.2	3126
2253	Molecular regulation of apoptosis: genetic controls on cell death. <i>Cell</i> , <b>1993</b> , 74, 777-9	56.2	823
2252	Induction of apoptosis in fibroblasts by IL-1 beta-converting enzyme, a mammalian homolog of the <i>C. elegans</i> cell death gene <i>ced-3</i> . <i>Cell</i> , <b>1993</b> , 75, 653-60	56.2	1315
2251	Programmed cell death and the control of cell survival: lessons from the nervous system. <b>1993</b> , 262, 695-700		1320
2250	Programmed cell death and Bcl-2 protection in the absence of a nucleus.. <b>1994</b> , 13, 1899-1910		391
2249	Developmental regulation of the Bcl-2 protein and susceptibility to cell death in B lymphocytes.. <b>1994</b> , 13, 683-691		233
2248	c-Myc-induced apoptosis in fibroblasts is inhibited by specific cytokines.. <b>1994</b> , 13, 3286-3295		549
2247	What does BCL-2 mean in solid tumours [Friend or foe?]. <b>1994</b> , 5, 388-390		11
2246	Interleukin 7-dependent B lymphocyte precursor cells are ultrasensitive to apoptosis. <b>1994</b> , 179, 1789-97		53
2245	Apoptosis and SLE. <b>1994</b> , 3, 1-2		7
2244	Bcl-2 and the regulation of programmed cell death. <b>1994</b> , 124, 1-6		2111
2243	Role of kit-ligand in proliferation and suppression of apoptosis in mast cells: basis for radiosensitivity of white spotting and steel mutant mice. <b>1994</b> , 179, 1777-87		147

2242	bcl-2 in cancer, development and apoptosis. <b>1994</b> , 18, 51-5	86
2241	Recessive mutations in a common pathway block thymocyte apoptosis induced by multiple signals. <b>1994</b> , 127, 1729-42	22
2240	Cell suicide: by ICE, not fire. <b>1994</b> , 263, 754-6	74
2239	Pathogenesis of cancer in view of mutually opposing apoptotic and anti-apoptotic growth signals. <b>1994</b> , 4, 1257-63	2
2238	Identification of chromosomes implicated in suppression of apoptosis in somatic cell hybrids. <b>1994</b> , 72, 655-62	4
2237	Active cell death: role in hepatocarcinogenesis and subtypes. <b>1994</b> , 72, 669-75	23
2236	The protein bcl-2 alpha does not require membrane attachment, but two conserved domains to suppress apoptosis. <b>1994</b> , 126, 1059-68	178
2235	Interleukin 10 induces apoptotic cell death of B-chronic lymphocytic leukemia cells. <b>1994</b> , 179, 91-9	137
2234	Proposed molecular and cellular mechanism for aminoglycoside ototoxicity. <b>1994</b> , 38, 2517-20	107
2233	Deregulated expression of E2F-1 induces S-phase entry and leads to apoptosis. <b>1994</b> , 14, 8166-73	465
2232	Cross-linking of surface IgG induces apoptosis in a bcl-2 expressing human follicular lymphoma line of mature B cell phenotype. <b>1994</b> , 6, 1817-27	23
2231	Programmed cell death--many questions still to be answered. <b>1994</b> , 69, 45-55	20
2230	Mechanisms of genetic control of murine systemic lupus erythematosus. <b>1994</b> , 16, 133-52	4
2229	Regulation of cell survival in Burkitt lymphoma: implications from studies of apoptosis following cold-shock treatment. <b>1994</b> , 57, 419-26	46
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2227	CD2-CD48 interaction prevents apoptosis in murine B lymphocytes by up-regulating bcl-2 expression. <b>1994</b> , 24, 2515-21	16
2226	High levels of bcl-2 protein in circulating T lymphocytes, but not B lymphocytes, of patients with systemic lupus erythematosus. <b>1994</b> , 37, 1423-30	87
2225	Regulation of apoptosis in the immune system. <b>1994</b> , 6, 279-89	285

2224	Bcl-2 and Bcl-x: regulatory switches for lymphoid death and survival. <b>1994</b> , 15, 582-8	154
2223	Why we live and why we die. <b>1994</b> , 1, 137-41	12
2222	Autoantigens targeted in systemic lupus erythematosus are clustered in two populations of surface structures on apoptotic keratinocytes. <b>1994</b> , 179, 1317-30	1483
2221	Cell cycle control and cancer. <b>1994</b> , 266, 1821-8	1890
2220	Essential genes that regulate apoptosis. <b>1994</b> , 4, 394-9	82
2219	The Bcl-2 family of proteins: regulators of cell death and survival. <b>1994</b> , 4, 399-403	203
2218	Cell death in the myeloid lineage. <b>1994</b> , 142, 93-112	28
2217	Abnormal Bcl-2 and "tissue" transglutaminase expression in psoriatic skin. <b>1994</b> , 103, 829-33	52
2216	Apoptosis. Death gets a brake. <b>1994</b> , 369, 272-3	102
2215	Activation of <i>C. elegans</i> cell death protein CED-9 by an amino-acid substitution in a domain conserved in Bcl-2. <b>1994</b> , 369, 318-20	153
2214	BH1 and BH2 domains of Bcl-2 are required for inhibition of apoptosis and heterodimerization with Bax. <b>1994</b> , 369, 321-3	1181
2213	Signal transduction, mitotic catastrophes, and death in T-cell development. <b>1994</b> , 142, 231-72	33
2212	Promotion and inhibition of activation-induced apoptosis in T-cell hybridomas by oncogenes and related signals. <b>1994</b> , 142, 321-42	51
2211	Differential expression of bcl-2 and bax mRNA in axotomized dorsal root ganglia of young and adult rats. <b>1994</b> , 6, 1641-4	28
2210	Immunohistochemical detection of bcl-2 protein in liver lesions: bcl-2 protein is expressed in hepatocellular carcinomas but not in liver cell dysplasia. <b>1994</b> , 25, 237-45	49
2209	Apoptosis. Breaking the ICE. <b>1994</b> , 4, 337-40	43
2208	Apoptosis in disease. <b>1994</b> , 24, 715-23	104
2207	The effects of glucocorticoids on human eosinophils. <b>1994</b> , 94, 1202-13	152

2206	Cell-free apoptosis in <i>Xenopus</i> egg extracts: inhibition by Bcl-2 and requirement for an organelle fraction enriched in mitochondria. <i>Cell</i> , <b>1994</b> , 79, 353-64	56.2	515
2205	Developmental switches in the immune system. <i>Cell</i> , <b>1994</b> , 76, 207-18	56.2	117
2204	<i>C. elegans</i> cell survival gene <i>ced-9</i> encodes a functional homolog of the mammalian proto-oncogene <i>bcl-2</i> . <i>Cell</i> , <b>1994</b> , 76, 665-76	56.2	1020
2203	Overexpression of BCL-2 in transgenic mice protects neurons from naturally occurring cell death and experimental ischemia. <b>1994</b> , 13, 1017-30		1035
2202	Apoptosis, senescence, immortalization and cancer. <b>1994</b> , 30, 301-15		6
2201	Cell survival and death programmes. <b>1994</b> , 29, 101-10		4
2200	Insights into the pathogenesis of follicular lymphoma gained from the <i>bcl-2</i> -immunoglobulin transgenic mouse. <b>1994</b> , 14, 52-56		
2199	Insights from transgenic mice regarding the role of <i>bcl-2</i> in normal and neoplastic lymphoid cells. <b>1994</b> , 345, 289-95		31
2198	The molecular mechanisms of neuronal apoptosis. <b>1994</b> , 4, 696-702		57
2197	Differentiation and cell death: lessons from the immune system. <b>1994</b> , 6, 809-15		49
2196	Neuronal cell death: searching for the smoking gun. <b>1994</b> , 4, 87-94		16
2195	Oncogenes and cell death. <b>1994</b> , 4, 120-9		229
2194	1-beta-D-arabinofuranosylcytosine-, mitoxantrone-, and paclitaxel-induced apoptosis in HL-60 cells: improved method for detection of internucleosomal DNA fragmentation. <b>1994</b> , 34, 365-71		44
2193	Ovarian follicle atresia: a hormonally controlled apoptotic process. <b>1994</b> , 15, 707-24		480
2192	<i>bcl-2</i> messenger RNA is localized in neurons of the developing and adult rat brain. <b>1994</b> , 61, 165-77		87
2191	Cloning and sequencing of a cDNA encoding the rat Bcl-2 protein. <b>1994</b> , 140, 291-2		91
2190	Dicing with death: dissecting the components of the apoptosis machinery. <b>1994</b> , 19, 26-30		313
2189	Potential applications of apoptosis in modifying the biological behavior of therapeutically refractory cancers. <b>1994</b> , 43, 207-13		4

2188	Genetics of growth arrest and cell death: key determinants of tissue homeostasis. <b>1994</b> , 30A, 2001-12	15
2187	Programmed cell death in <i>Caenorhabditis elegans</i> . <b>1994</b> , 4, 581-6	318
2186	Bcl-2 increases memory B cell recruitment but does not perturb selection in germinal centers. <b>1994</b> , 1, 803-13	118
2185	Increased expression of bcl-2 immunoreactivity in the developing cerebral cortex of the rat. <b>1994</b> , 179, 13-6	46
2184	Bcl-2 is upregulated at the CD4+ CD8+ stage during positive selection and promotes thymocyte differentiation at several control points. <b>1994</b> , 1, 197-205	236
2183	Apoptosis and a re-investigation of the biologic basis for cancer therapy. <b>1994</b> , 33, 3-10	45
2182	APO-1 (CD95) and Bcl-2: determinants of cell death in the human thymus. <b>1994</b> , 145, 146-51; discussion 155-8	6
2181	bcl-2 expression decreases methyl mercury-induced free-radical generation and cell killing in a neural cell line. <b>1994</b> , 74, 149-55	116
2180	Perception and response in plant disease resistance. <b>1994</b> , 4, 662-71	37
2179	Bcl-2 and Fas, molecules which influence apoptosis. A possible role in systemic lupus erythematosus?. <b>1994</b> , 17, 271-8	29
2178	Retrovirus-induced B cell neoplasia in the bursa of Fabricius. <b>1994</b> , 56, 467-84	17
2177	Role of the bcl-2 oncogene in Hodgkin's disease. <b>1994</b> , 101, 681-3	12
2176	Neurovirulent strains of Alphavirus induce apoptosis in bcl-2-expressing cells: role of a single amino acid change in the E2 glycoprotein. <b>1994</b> , 91, 5202-6	118
2175	Bcl-2 expression during T-cell development: early loss and late return occur at specific stages of commitment to differentiation and survival. <b>1994</b> , 91, 10685-9	91
2174	Molecular characterization of the Nur77 orphan steroid receptor in apoptosis. <b>1994</b> , 105, 344-6	10
2173	Apoptosis and therapy of malignant diseases of the hematopoietic system. <b>1994</b> , 105, 368-73	12
2172	Relief of p53-mediated transcriptional repression by the adenovirus E1B 19-kDa protein or the cellular Bcl-2 protein. <b>1994</b> , 91, 8940-4	142
2171	Identification of immunosuppressant-induced apoptosis in a murine B-cell line and its prevention by bcl-x but not bcl-2. <b>1994</b> , 91, 7350-4	215

2170	Interactions among members of the Bcl-2 protein family analyzed with a yeast two-hybrid system. <b>1994</b> , 91, 9238-42	521
2169	Role of EGR-1 in thapsigargin-inducible apoptosis in the melanoma cell line A375-C6. <b>1995</b> , 15, 6262-72	97
2168	bcl-2 transgene expression can protect neurons against developmental and induced cell death. <b>1995</b> , 92, 4397-401	240
2167	The alpha 5 beta 1 integrin supports survival of cells on fibronectin and up-regulates Bcl-2 expression. <b>1995</b> , 92, 6161-5	547
2166	Multiple Bcl-2 family members demonstrate selective dimerizations with Bax. <b>1995</b> , 92, 7834-8	729
2165	Evidence for a G2 checkpoint in p53-independent apoptosis induction by X-irradiation. <b>1995</b> , 15, 5849-57	83
2164	Activation-induced T-cell death is cell cycle dependent and regulated by cyclin B. <b>1995</b> , 15, 932-42	116
2163	Genetic approaches for studying programmed cell death during development of the laboratory mouse. <b>1995</b> , 46, 387-440	13
2162	Immunolocalization of bcl-2 protein in human endometrium in the menstrual cycle and simulated early pregnancy. <b>1995</b> , 10, 1557-62	53
2161	Bcl-2 protein expression in breast cancer in relation to established prognostic factors and other clinicopathological variables. <b>1995</b> , 6, 1005-10	38
2160	Immunolocalization of bcl-2 in the human corpus luteum. <b>1995</b> , 10, 1566-70	47
2159	p53: DNA damage, DNA repair, and apoptosis. <b>1996</b> , 127, 65-95	36
2158	Prognostic value of bcl-2 expression in invasive breast cancer. <b>1995</b> , 72, 354-60	151
2157	Apoptosis in viral infections. <b>1995</b> , 45, 1-60	153
2156	Outgrowth of BT-474 human breast cancer cells in immune-deficient mice: a new in vivo model for hormone-dependent breast cancer. <b>1995</b> , 72, 22-30	31
2155	Membrane-associated CD19-LYN complex is an endogenous p53-independent and Bcl-2-independent regulator of apoptosis in human B-lineage lymphoma cells. <b>1995</b> , 92, 9575-9	37
2154	Mitochondrial DNA mutations in myocardial diseases. <b>1995</b> , 16 Suppl O, 10-4	8
2153	Wild-type human p53 and a temperature-sensitive mutant induce Fas/APO-1 expression. <b>1995</b> , 15, 3032-40	638

2152	Regulators of cell death. <b>1995</b> , 11, 101-5	567
2151	Apoptosis. A sticky business. <b>1995</b> , 5, 622-4	54
2150	Programmed cell death in the Drosophila central nervous system midline. <b>1995</b> , 5, 784-90	81
2149	Analysis of gene expression in a complex differentiation hierarchy by global amplification of cDNA from single cells. <b>1995</b> , 5, 909-22	161
2148	Granulocyte clearance by apoptosis in the resolution of inflammation. <b>1995</b> , 6, 385-93	158
2147	Correlation between the number of apoptotic cells and expression of the apoptosis-related antigens Fas, Le(y) and bcl-2 protein in non-Hodgkin's lymphomas. <b>1995</b> , 45, 422-9	13
2146	Import and insertion of proteins into the mitochondrial outer membrane. <b>1995</b> , 227, 9-18	89
2145	Neural apoptosis. <b>1995</b> , 38, 839-51	500
2144	The possible role of bcl-2 expression in the progression of tumors of the uterine cervix. <b>1995</b> , 76, 2297-303	67
2143	Apoptosis occurs in the oligodendroglial lineage, and is prevented by basic fibroblast growth factor. <b>1995</b> , 40, 306-17	97
2142	Differential regulation of bcl-2, bax, c-fos, junB, and krox-24 expression in the cerebellum of Purkinje cell degeneration mutant mice. <b>1995</b> , 41, 708-15	29
2141	The medical significance of physiological cell death. <b>1995</b> , 15, 299-311	16
2140	Stopped for repairs. <b>1995</b> , 17, 545-8	68
2139	bcl-2, a novel regulator of cell death. <b>1995</b> , 17, 631-8	112
2138	Induction of Bax-alpha precedes apoptosis in a human B lymphoma cell line: potential role of the bcl-2 gene family in surface IgM-mediated apoptosis. <b>1995</b> , 25, 770-5	45
2137	Resistance to anti-IgM-induced apoptosis in a WEHI-231 subline is due to insufficient production of ceramide. <b>1995</b> , 25, 1032-8	37
2136	The role of cellular competition in B cell survival and selection of B cell repertoires. <b>1995</b> , 25, 1729-38	62
2135	Expression of the bcl-2 gene family in normal and malignant breast tissue: low bax-alpha expression in tumor cells correlates with resistance towards apoptosis. <b>1995</b> , 60, 854-9	227



2134	Presence of the bcl-2 protein and apoptosis in non-Hodgkin lymphomas with diffuse growth pattern. <b>1995</b> , 61, 826-31	27
2133	Cellular death in neuroblastoma: in situ correlation of apoptosis and bcl-2 expression. <b>1995</b> , 62, 19-24	54
2132	Apoptosis and hepatobiliary disease. <b>1995</b> , 21, 1725-41	195
2131	Growth conditions differentially affect the constitutive expression of primary response genes in cultured cerebellar granule cells. <b>1995</b> , 20, 611-6	9
2130	Role of apoptosis in HIV disease pathogenesis. <b>1995</b> , 15, 217-31	65
2129	P53, cell cycle control and apoptosis: implications for cancer. <b>1995</b> , 14, 3-15	392
2128	Molecular evolution and secondary structural conservation in the B-cell lymphoma leukemia 2 (bcl-2) family of proto-oncogene products. <b>1995</b> , 41, 775-83	6
2127	Apoptosis in B lymphocytes: the WEHI-231 perspective. <b>1995</b> , 73, 8-16	39
2126	Apoptosis, nucleosomes, and nephritis in systemic lupus erythematosus. <b>1995</b> , 48, 666-73	71
2125	Cloning of a bcl-2 homologue by interaction with adenovirus E1B 19K. <b>1995</b> , 374, 731-3	469
2124	Induction of apoptosis by the Bcl-2 homologue Bak. <b>1995</b> , 374, 733-6	676
2123	Modulation of apoptosis by the widely distributed Bcl-2 homologue Bak. <b>1995</b> , 374, 736-9	480
2122	An IRF-1-dependent pathway of DNA damage-induced apoptosis in mitogen-activated T lymphocytes. <b>1995</b> , 376, 596-9	404
2121	Constitutive expression of the c-H-ras oncogene inhibits doxorubicin-induced apoptosis and promotes cell survival in a rhabdomyosarcoma cell line. <b>1995</b> , 71, 556-61	40
2120	Mechanism and biological significance of CD4-mediated cytotoxicity. <b>1995</b> , 146, 57-79	181
2119	Epidermal growth factor prevents oxygen-triggered apoptosis and induces sustained signalling in cultured rat cerebral cortical neurons. <b>1995</b> , 7, 2130-8	50
2118	alpha-Bungarotoxin-sensitive nicotinic receptors on bovine chromaffin cells: molecular cloning, functional expression and alternative splicing of the alpha 7 subunit. <b>1995</b> , 7, 647-55	95
2117	Apoptosis and cancer: the failure of controls on cell death and cell survival. <b>1995</b> , 18, 137-53	128

2116	Exponential growth in apoptosis. <b>1995</b> , 16, 346-8	16
2115	Life and death during lymphocyte development and function: evidence for two distinct killing mechanisms. <b>1995</b> , 7, 228-34	77
2114	A potential role for apoptosis in neurodegeneration and Alzheimer's disease. <b>1995</b> , 10, 19-45	340
2113	Selective inhibitors of 5-lipoxygenase reduce CML blast cell proliferation and induce limited differentiation and apoptosis. <b>1995</b> , 19, 789-801	51
2112	Superoxide and hydrogen peroxide in relation to mammalian cell proliferation. <b>1995</b> , 18, 775-94	931
2111	Genotypic selection of mitochondrial and oncogenic mutations in human tissue suggests mechanisms of age-related pathophysiology. <b>1995</b> , 338, 151-9	18
2110	c-Myc and apoptosis. <b>1995</b> , 1242, 11-28	95
2109	Apoptosis in the pathogenesis and treatment of disease. <b>1995</b> , 267, 1456-62	5817
2108	Cell death in health and disease: the biology and regulation of apoptosis. <b>1995</b> , 6, 3-16	185
2107	The bcl-2 gene family. <b>1995</b> , 6, 35-43	103
2106	Implications of apoptotic cell death regulation in cancer therapy. <b>1995</b> , 6, 53-60	60
2105	Mechanism of action of DNA topoisomerase inhibitors. <b>1995</b> , 13, 369-79	43
2104	Pathophysiological aspects of tumor development. <b>1995</b> , 13 Suppl 1, 240-7	1
2103	Immunoreactivity for Bcl-2 protein within neurons in the Alzheimer's disease brain increases with disease severity. <b>1995</b> , 697, 35-43	109
2102	Bax-deficient mice with lymphoid hyperplasia and male germ cell death. <b>1995</b> , 270, 96-9	1291
2101	The role of free radicals and p53 in neuron apoptosis in vivo. <b>1995</b> , 15, 5851-7	219
2100	Apoptoseinduktion in lymphatischen Leukämien: molekulare Grundlagen und klinische Perspektiven. <b>1995</b> , 18, 11-15	1
2099	Upregulation of bax protein levels in neurons following cerebral ischemia. <b>1995</b> , 15, 6364-76	396

2098	Bcl-2 and Fas/APO-1 regulate distinct pathways to lymphocyte apoptosis.. <b>1995</b> , 14, 6136-6147	525
2097	Direct involvement of p53 in programmed cell death of oligodendrocytes.. <b>1995</b> , 14, 1136-1144	69
2096	A conserved domain in Bak, distinct from BH1 and BH2, mediates cell death and protein binding functions.. <b>1995</b> , 14, 5589-5596	351
2095	Fas-activated serine/threonine kinase (FAST) phosphorylates TIA-1 during Fas-mediated apoptosis. <b>1995</b> , 182, 865-74	155
2094	Massive programmed cell death in intestinal epithelial cells induced by three-dimensional growth conditions: suppression by mutant c-H-ras oncogene expression. <b>1995</b> , 131, 1587-98	121
2093	Control of CD4 effector fate: transforming growth factor beta 1 and interleukin 2 synergize to prevent apoptosis and promote effector expansion. <b>1995</b> , 182, 699-709	150
2092	Isolation of DAP3, a novel mediator of interferon-gamma-induced cell death. <b>1995</b> , 270, 27932-6	91
2091	Structure-function analysis of Bcl-2 protein. Identification of conserved domains important for homodimerization with Bcl-2 and heterodimerization with Bax. <b>1995</b> , 270, 11962-9	328
2090	Hormonal regulation of the p53 tumor suppressor protein in T47D human breast carcinoma cell line. <b>1995</b> , 270, 28507-10	59
2089	Overexpression of the Bcl-2 protein increases the half-life of p21Bax. <b>1995</b> , 270, 26049-52	81
2088	Characterization of a phosphoprotein phosphatase for the phosphorylated form of nucleoside-diphosphate kinase from Pseudomonas aeruginosa. <b>1995</b> , 270, 28246-50	14
2087	Differential Control of Cell Death in the Skin. <b>1995</b> , 131, 945	31
2086	Regulation of p53-Dependent Apoptosis by E1A and E1B. <b>1995</b> , 33-58	6
2085	Signal transduction by the antigen receptors of B and T lymphocytes. <b>1995</b> , 157, 181-276	20
2084	Cell loss in retinal dystrophies by apoptosis--death by informed consent!. <b>1995</b> , 79, 186-90	25
2083	Selective apoptosis of CD4+CD8+ thymocytes by the anti-Fas antibody. <b>1995</b> , 181, 485-91	189
2082	P53 and its implication in apoptosis (review). <b>1995</b> , 6, 1129-35	10
2081	The pharmacology of T cell apoptosis. <b>1995</b> , 58, 211-96	55

2080	Positive selection of thymocytes. <b>1995</b> , 13, 93-126	512
2079	Potential roles of apoptosis in viral pathogenesis. <b>1995</b> , 152, S20-4	43
2078	P53 gene mutations in lymphoid diseases and their possible relevance to drug resistance. <b>1995</b> , 17, 211-21	73
2077	Effect of anti-APO1 on spontaneous apoptosis of B cells in chronic lymphocytic leukaemia: the role of bcl-2 and interleukin 4. <b>1995</b> , 19, 301-8	24
2076	Signals and molecular pathways involved in apoptosis, with special emphasis on human endometrium. <b>1995</b> , 1, 303-23	47
2075	Apoptosis: regulation and relevance to toxicology. <b>1995</b> , 14, 234-47	66
2074	The head involution defective gene of <i>Drosophila melanogaster</i> functions in programmed cell death. <b>1995</b> , 9, 1694-708	556
2073	Immunolocalization of bcl-2 protein in human endometrium in the menstrual cycle and simulated early pregnancy. <b>1995</b> , 1, 157-162	1
2072	Immunolocalization of bcl-2 in the human corpus luteum. <b>1995</b> , 1, 166-170	2
2071	Heart Hypertrophy and Failure. <b>1995</b> ,	
2070	The olfactory system as a model for the analysis of the contribution of gene expression to programmed cell death. <b>1995</b> , 20, 261-9	9
2069	Bcl-XL and Bcl-2 repress a common pathway of cell death. <b>1995</b> , 182, 821-8	360
2068	R-Ras promotes apoptosis caused by growth factor deprivation via a Bcl-2 suppressible mechanism. <b>1995</b> , 129, 1103-14	144
2067	Bcl-2 expression is unaltered in unfractionated peripheral blood mononuclear cells in patients with systemic lupus erythematosus. <b>1995</b> , 34, 316-20	11
2066	Apoptosis overview emphasizing the role of oxidative stress, DNA damage and signal-transduction pathways. <b>1995</b> , 19, 43-93	143
2065	Development and selection of T cells: facts and puzzles. <b>1995</b> , 58, 87-209	351
2064	The intracellular distribution and pattern of expression of Mcl-1 overlap with, but are not identical to, those of Bcl-2. <b>1995</b> , 128, 1173-84	262
2063	p53: a cell cycle regulator activated by DNA damage. <b>1995</b> , 66, 143-80	87

2062	Requirement of phospholipase C-gamma 2 activation in surface immunoglobulin M-induced B cell apoptosis. <b>1995</b> , 182, 907-14	184
2061	Activation-induced apoptosis in human macrophages: developmental regulation of a novel cell death pathway by macrophage colony-stimulating factor and interferon gamma. <b>1995</b> , 181, 127-36	149
2060	Bcl-XL displays restricted distribution during T cell development and inhibits multiple forms of apoptosis but not clonal deletion in transgenic mice. <b>1995</b> , 182, 1973-83	157
2059	The Role of Apoptosis in Development, Tissue Homeostasis and Malignancy. <b>1995</b> ,	3
2058	Role of BCL-2 in the survival and function of developing and mature sympathetic neurons. <b>1995</b> , 15, 649-61	177
2057	Reactive oxygen species and the regulation of cell death by the Bcl-2 gene family. <b>1995</b> , 1271, 63-6	195
2056	Mechanism of somatic mitochondrial DNA mutations associated with age and diseases. <b>1995</b> , 1271, 177-89	101
2055	Molecular control of life and death. <b>1995</b> , 7, 211-4	85
2054	Cell death by oxidative stress and ascorbic acid regeneration in human neuroectodermal cell lines. <b>1995</b> , 31A, 463-6	68
2053	CD28 costimulation can promote T cell survival by enhancing the expression of Bcl-XL. <b>1995</b> , 3, 87-98	1003
2052	The role of inducible transcription factors in apoptotic nerve cell death. <b>1995</b> , 21, 1-28	160
2051	The Bcl-2 family of proteins, and the regulation of neuronal survival. <b>1995</b> , 18, 355-8	130
2050	The cellular prion protein (PrP) selectively binds to Bcl-2 in the yeast two-hybrid system. <b>1995</b> , 30, 165-8	128
2049	Relationship between bcl-2 and myc gene expression in human neuroblastoma. <b>1995</b> , 91, 161-8	23
2048	Cell death regulation during multistep lymphomagenesis. <b>1995</b> , 94, 17-23	12
2047	Up-regulation of bax and down-regulation of bcl-2 is associated with kainate-induced apoptosis in mouse brain. <b>1995</b> , 192, 85-8	152
2046	Can virus therapy of human cancer be improved by apoptosis induction?. <b>1995</b> , 44, 359-68	6
2045	The 'LXCXE' hydrophatic superfamily of ligands for retinoblastoma protein: a proposal. <b>1995</b> , 44, 28-31	6

2044	Cloning, characterization and expression of two <i>Xenopus</i> bcl-2-like cell-survival genes. <b>1995</b> , 158, 171-9	50
2043	Genetic dissection of susceptibility to radiation-induced apoptosis of thymocytes and mapping of Rapo1, a novel susceptibility gene. <b>1995</b> , 25, 609-14	29
2042	Mapping of the human BAX gene to chromosome 19q13.3-q13.4 and isolation of a novel alternatively spliced transcript, BAX delta. <b>1995</b> , 26, 592-4	74
2041	Three distinct IL-2 signaling pathways mediated by bcl-2, c-myc, and lck cooperate in hematopoietic cell proliferation. <i>Cell</i> , <b>1995</b> , 81, 223-31	56.2 337
2040	Cloning and functional analysis of BAG-1: a novel Bcl-2-binding protein with anti-cell death activity. <i>Cell</i> , <b>1995</b> , 80, 279-84	56.2 758
2039	Bad, a heterodimeric partner for Bcl-XL and Bcl-2, displaces Bax and promotes cell death. <i>Cell</i> , <b>1995</b> , 80, 285-91	56.2 1840
2038	Tumor suppressor p53 is a direct transcriptional activator of the human bax gene. <i>Cell</i> , <b>1995</b> , 80, 293-9	56.2 3503
2037	Overexpression of Bcl-2 attenuates MPP+, but not 6-ODHA, induced cell death in a dopaminergic neuronal cell line. <b>1995</b> , 2, 157-67	54
2036	Flow cytometry technique for assessing effects of N-acetylcysteine on apoptosis and cell viability of human immunodeficiency virus-infected lymphocytes. <b>1995</b> , 251, 270-8	13
2035	A simple assay for examining the effect of transiently expressed genes on programmed cell death. <b>1995</b> , 180, 15-24	32
2034	Expression of the death-associated gene RP-8 in granule cell neurons undergoing postnatal cell death in the cerebellum of weaver mice. <b>1995</b> , 86, 35-47	9
2033	Involvement of programmed cell death in preimplantation embryo demise. <b>1995</b> , 1, 558-66	61
2032	Bcl-2 family proteins: regulators of chemoresistance in cancer. <b>1995</b> , 82-83, 155-8	60
2031	Activin A-induced apoptosis is suppressed by BCL-2. <b>1995</b> , 376, 247-50	21
2030	The genetic regulation of apoptosis. <b>1995</b> , 5, 97-104	212
2029	Selective immunoneutralization of luteinizing hormone results in the apoptotic cell death of pachytene spermatocytes and spermatids in the rat testis. <b>1995</b> , 3, 705-9	27
2028	Apoptosis and hepatobiliary disease*1. <b>1995</b> , 21, 1725-1741	163
2027	Regulation of apoptosis by steroid hormones. <b>1995</b> , 53, 1-8	101

2026	Differential expression of bcl-2 and bax in squamous cell carcinomas of the oral cavity. <b>1996</b> , 32B, 394-400	90
2025	Bax and Bcl-xs are induced at the onset of apoptosis in involuting mammary epithelial cells. <b>1996</b> , 56, 197-207	103
2024	The cell cycle and regulation of cancer cell growth. <b>1996</b> , 784, 252-62	22
2023	Induction of apoptosis in malignant and camptothecin-resistant human cells. <b>1996</b> , 803, 143-56	8
2022	Effect of N-(4-hydroxyphenyl)retinamide on apoptosis in human breast cancer cells. <b>1996</b> , 107, 65-71	36
2021	Increase in bax expression in substantia nigra following 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) treatment of mice. <b>1996</b> , 204, 85-8	84
2020	Excitotoxic lesion of rat brain with quinolinic acid induces expression of p53 messenger RNA and protein and p53-inducible genes Bax and Gadd-45 in brain areas showing DNA fragmentation. <b>1996</b> , 74, 1143-60	100
2019	Cell density increases Bcl-2 and Bcl-x expression in addition to survival of cultured cerebellar granule neurons. <b>1996</b> , 73, 913-7	16
2018	Apoptosis and chemotherapy resistance. <b>1996</b> , 32A, 921-6	150
2017	SSCP pattern indicative for p53 mutation is related to advanced stage and high-grade of tongue cancer. <b>1996</b> , 32B, 222-9	12
2016	Gamma-radiation-induced cell death in the fetal rat brain possesses molecular characteristics of apoptosis and is associated with specific messenger RNA elevations. <b>1996</b> , 35, 19-30	42
2015	Analysis of interaction sites in homo- and heteromeric complexes containing Bcl-2 family members and the cellular prion protein. <b>1996</b> , 37, 249-58	89
2014	Selective c-Jun overexpression is associated with ionizing radiation-induced apoptosis in the developing cerebellum of the rat. <b>1996</b> , 38, 91-100	43
2013	Altered expression of Bcl-2, Bcl-X, Bax, and c-Fos colocalizes with DNA fragmentation and ischemic cell damage following middle cerebral artery occlusion in rats. <b>1996</b> , 40, 254-60	212
2012	Flow cytometric detection of apoptosis. <b>1996</b> , 16, 101-113	
2011	Apoptosis: a programmed cell death involved in ovarian and uterine physiology. <b>1996</b> , 67, 85-102	79
2010	Suppression of bcl-2 gene expression by sphingosine in the apoptosis of human leukemic HL-60 cells during phorbol ester-induced terminal differentiation. <b>1996</b> , 379, 177-80	65
2009	Role of mitochondria and C-terminal membrane anchor of Bcl-2 in Bax induced growth arrest and mortality in <i>Saccharomyces cerevisiae</i> . <b>1996</b> , 380, 169-75	152

2008	Co-ordinated downregulation of bcl-2 and bax expression during granulocytic and macrophage-like differentiation of the HL60 promyelocytic leukaemia cell line. <b>1996</b> , 394, 356-60		23
2007	Ectopic expression of CHOP (GADD153) induces apoptosis in M1 myeloblastic leukemia cells. <b>1996</b> , 395, 143-7		254
2006	3,3'-Diindolylmethane induces apoptosis in human cancer cells. <b>1996</b> , 228, 153-8		129
2005	Induction of apoptosis by sphingosine-1-phosphate in human hepatoma cells is associated with enhanced expression of bax gene product. <b>1996</b> , 229, 11-5		39
2004	Mitochondrial oxidative phosphorylation changes in the life span. Molecular aspects and physiopathological implications. <b>1996</b> , 1276, 87-105		205
2003	Localization of Bax and Bcl-2 proteins, regulators of programmed cell death, in the human central nervous system. <b>1996</b> , 429, 249-53		34
2002	bcl-2: role in epithelial differentiation and oncogenesis. <b>1996</b> , 27, 102-10		226
2001	Serine phosphorylation of death agonist BAD in response to survival factor results in binding to 14-3-3 not BCL-X(L). <i>Cell</i> , <b>1996</b> , 87, 619-28	56.2	2280
2000	Bcl-2 targets the protein kinase Raf-1 to mitochondria. <i>Cell</i> , <b>1996</b> , 87, 629-38	56.2	705
1999	Mitochondrial diseases and aging. <b>1996</b> , 17, 513-63		17
1998	Flupirtine increases the levels of glutathione and Bcl-2 in hNT (human Ntera/D1) neurons: mode of action of the drug-mediated anti-apoptotic effect. <i>European Journal of Pharmacology</i> , <b>1996</b> , 317, 157-64 <sup>5:3</sup>		28
1997	Vitamin C and E prevent lipopolysaccharide-induced apoptosis in human endothelial cells by modulation of Bcl-2 and Bax. <i>European Journal of Pharmacology</i> , <b>1996</b> , 317, 407-11	5:3	108
1996	Protein tyrosine phosphatase activities are involved in apoptotic cancer cell death induced by GL331, a new homolog of etoposide. <b>1996</b> , 110, 77-85		38
1995	Global ischemia induces apoptosis-associated genes in hippocampus. <b>1996</b> , 42, 79-88		121
1994	Bax protein-like immunoreactivity in primary sensory and hypothalamic neurons of adult rats. <b>1996</b> , 215, 37-40		9
1993	Cloning of the 3' end of rat bax-alpha and corresponding developmental down-regulation in differentiating primary, cultured oligodendrocytes. <b>1996</b> , 220, 183-6		8
1992	The role of p53 in cell cycle regulation. <i>Pathology Research and Practice</i> , <b>1996</b> , 192, 669-75	3:4	84
1991	Regulation of bcl-xL expression and Fas susceptibility in mouse B cells by CD40 ligation, surface IgM crosslinking and IL-4. <b>1996</b> , 33, 1247-53		20



1990	p53 in signaling checkpoint arrest or apoptosis. <b>1996</b> , 6, 12-8	285
1989	New members of the Bcl-2 family and their protein partners. <b>1996</b> , 6, 45-9	234
1988	BAX is required for neuronal death after trophic factor deprivation and during development. <b>1996</b> , 17, 401-11	655
1987	Inactivation of bcl-2 results in progressive degeneration of motoneurons, sympathetic and sensory neurons during early postnatal development. <b>1996</b> , 17, 75-89	250
1986	Cross-linking the murine heat-stable antigen induces apoptosis in B cell precursors and suppresses the anti-CD40-induced proliferation of mature resting B lymphocytes. <b>1996</b> , 184, 1639-49	36
1985	Current concepts in chicken B cell development. <b>1996</b> , 212, 17-28	10
1984	Arterial remodeling: relation to hemodynamics. <b>1996</b> , 74, 834-841	213
1983	Apoptosis in ocular disease: a molecular overview. <b>1996</b> , 17, 145-65	76
1982	Evidence for p53-mediated modulation of neuronal viability. <b>1996</b> , 16, 6753-65	227
1981	Bcl-2 Gene Rearrangements in Lymphoid Malignancies. <b>1996</b> , 16, 23-47	8
1980	Motor neurone disease and the life of motor neurones. <b>1996</b> , 165, 180-1	2
1979	Regulators of Life and Death: The Bcl-2 Gene Family. <b>1996</b> , 6, 312-336	15
1978	BCL2 regulates neural differentiation. <b>1996</b> , 93, 4504-8	123
1977	Transcriptional activation by p53, but not induction of the p21 gene, is essential for oncogene-mediated apoptosis.. <b>1996</b> , 15, 3693-3701	165
1976	Chromosomal assignment of the Bcl2-related genes, Bcl2l and Bax, in the mouse and rat. <b>1996</b> , 74, 107-10	4
1975	Specific loss of apoptotic but not cell-cycle arrest function in a human tumor derived p53 mutant.. <b>1996</b> , 15, 827-838	232
1974	Mechanisms of apoptosis and its potential role in renal tubular epithelial cell injury. <b>1996</b> , 271, F477-88	100
1973	The cell death inhibitor Bcl-2 and its homologues influence control of cell cycle entry.. <b>1996</b> , 15, 6979-6990	268

1972	Exogenous nucleotides alter the proliferation, differentiation and apoptosis of human small intestinal epithelium. <b>1996</b> , 126, 424-33	45
1971	T cells from baxalpha transgenic mice show accelerated apoptosis in response to stimuli but do not show restored DNA damage-induced cell death in the absence of p53.. <b>1996</b> , 15, 1221-1230	87
1970	Bax alpha perturbs T cell development and affects cell cycle entry of T cells.. <b>1996</b> , 15, 6991-7001	116
1969	Bcl-2 mutants with restricted subcellular location reveal spatially distinct pathways for apoptosis in different cell types.. <b>1996</b> , 15, 4130-4141	252
1968	Follicular Atresia as an Apoptotic Process: Atresia-Associated Increase in the Ovarian Expression of the Putative Apoptotic Marker Sulfated Glycoprotein-2. <b>1996</b> , 3, 199-208	5
1967	BAX enhances paclitaxel-induced apoptosis through a p53-independent pathway. <b>1996</b> , 93, 14094-9	176
1966	Altered methional homoeostasis is associated with decreased apoptosis in BAF3 bcl2 murine lymphoid cells. <b>1996</b> , 313 ( Pt 3), 973-81	13
1965	Chapter 1 The Cell Aging Process. <b>1996</b> , 1, 1-29	
1964	Induction of apoptosis by human Nbk/Bik, a BH3-containing protein that interacts with E1B 19K. <b>1996</b> , 16, 5857-64	171
1963	Structure-function comparisons of the proapoptotic protein Bax in yeast and mammalian cells. <b>1996</b> , 16, 6494-508	269
1962	Functional dissection of the human Bcl2 protein: sequence requirements for inhibition of apoptosis. <b>1996</b> , 16, 877-83	117
1961	Induction of apoptosis by c-Fos protein. <b>1996</b> , 16, 211-8	193
1960	A mutant p53 that discriminates between p53-responsive genes cannot induce apoptosis. <b>1996</b> , 16, 4961-71	276
1959	p53 plays a regulatory role in differentiation and apoptosis of central nervous system-associated cells. <b>1996</b> , 16, 5178-85	185
1958	The p53-binding protein 53BP2 also interacts with Bc12 and impedes cell cycle progression at G2/M. <b>1996</b> , 16, 3884-92	138
1957	Human chromosome 3 mediates growth arrest and suppression of apoptosis in microcell hybrids. <b>1996</b> , 16, 2214-25	4
1956	The molecular biology of apoptosis. <b>1996</b> , 93, 2239-44	819
1955	Expression of galectin-3 modulates T-cell growth and apoptosis. <b>1996</b> , 93, 6737-42	607

1954	BAX-induced cell death may not require interleukin 1 beta-converting enzyme-like proteases. <b>1996</b> , 93, 14559-63	824
1953	Expression of apoptosis-regulatory genes in lung tumour cell lines: relationship to p53 expression and relevance to acquired drug resistance. <b>1996</b> , 73, 1193-200	79
1952	Lessons from immunological, biochemical, and molecular pathways of the activation mediated by IL-2 and IL-4. <b>1996</b> , 63, 127-96	22
1951	Chapter 26. Regulation of Apoptosis by Members of the ICE Family and the Bcl-2 Family. <b>1996</b> , 249-268	8
1950	Mechanisms of programmed cell death in Caenorhabditis elegans and vertebrates. <b>1996</b> , 32, 139-74	15
1949	Cell death signal transduction and Bcl-2 function. <b>1996</b> , 24, 1059-65	48
1948	Expression of programmed cell death-related genes in dystrophic mdx and control mouse muscle. <b>1996</b> , 24, 486S	3
1947	Reactive oxygen species and their contribution to pathology in Down syndrome. <b>1997</b> , 38, 379-402	57
1946	Section Review Central & Peripheral Nervous Systems: Mechanisms of apoptosis as drug targets in the central nervous system. <b>1996</b> , 6, 345-366	3
1945	Genes and Cerebral Ischemia Therapeutic Perspectives. <b>1996</b> , 6, 119-127	8
1944	Arachidonate lipoxygenases as essential regulators of cell survival and apoptosis. <b>1996</b> , 93, 5241-6	298
1943	Why do drugs work in CLL?. <b>1996</b> , 22 Suppl 2, 1-11	6
1942	The BAX gene maps to the glioma candidate region at 19q13.3, but is not altered in human gliomas. <b>1996</b> , 88, 136-40	50
1941	bcl-2 protein downregulation is not required for differentiation of multidrug resistant HL60 leukemia cells. <b>1996</b> , 20, 101-7	50
1940	Expression of Bcl-x in T cells. <b>1996</b> , 20, 683-91	5
1939	Degeneration of human oncogenes and mitochondrial genes occurs in cells that exhibit age-related pathology. <b>1996</b> , 31, 253-65	15
1938	Mutation and mutagenesis in inherited and acquired human disease. The first EEMS Frits Sobels Prize Lecture, Noordwijkerhout, The Netherlands, June 1995. <b>1996</b> , 351, 89-103	11
1937	A role for apoptosis in the toxicity and mutagenicity of bleomycin in AHH-1 tk+/- human lymphoblastoid cells. <b>1996</b> , 357, 143-65	15

1936	p53 in growth control and neoplasia. <b>1996</b> , 1287, 77-102		198
1935	Fas expression and apoptosis in human B cells. <b>1996</b> , 15, 246-57		27
1934	Redifferentiation and apoptosis of pancreatic cells during acute pancreatitis. <b>1996</b> , 20, 77-84		25
1933	Immunohistochemical detection of Bax and Bcl-2 proteins in gerbil hippocampus following transient forebrain ischemia. <b>1996</b> , 711, 249-53		89
1932	Immunochemical and immunohistochemical localization of Bcl-x protein in the rat central nervous system. <b>1996</b> , 712, 281-6		35
1931	Localization of bcl-2, bax, and bcl-x mRNAs in the developing inner ear of the mouse. <b>1996</b> , 726, 123-128		21
1930	Bcl-2 prevents hippocampal cell death induced by the neuroleptic drug haloperidol. <b>1996</b> , 738, 176-9		19
1929	Withdrawal of butyrate from the colonic mucosa triggers "mass apoptosis" primarily in the G0/G1 phase of the cell cycle. <b>1996</b> , 286, 81-92		47
1928	Apoptosis in normal and neoplastic hematopoiesis. <b>1996</b> , 24, 185-211		9
1927	Apoptosis -- the story so far. <b>1996</b> , 52, 933-41		64
1926	Transglutaminase induction by various cell death and apoptosis pathways. <b>1996</b> , 52, 942-9		99
1925	The p53 tumour suppressor gene: a mediator of a G1 growth arrest and of apoptosis. <b>1996</b> , 52, 1001-7		61
1924	Importance of the Bcl-2 family in cell death regulation. <b>1996</b> , 52, 1008-17		92
1923	Human eosinophils: Apoptosis versus survival in the mediation of inflammation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1996</b> , 1, 111-118	5-4	5
1922	Increased cyclin B1/CDC 2 kinase activity and phosphorylation of Bcl-2 associated with paclitaxel-induced apoptosis in human nasopharyngeal carcinoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1996</b> , 1, 141-146	5-4	10
1921	Block of bcr-abl expression and induction of apoptosis by cisplatin in a human chronic myeloid leukaemia cell line. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1996</b> , 1, 161-166	5-4	3
1920	Immunohistochemical localization of BAX and BAD in the normal and BCL-2 null gastrointestinal tract. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1996</b> , 1, 183-190	5-4	16
1919	Apoptosis in blood diseases. Review new data. <b>1996</b> , 38, 253-64		12

1918	Apoptosis: molecular regulation of cell death. <b>1996</b> , 236, 1-26	467
1917	Cellular immediate-early genes and cell death in the nervous system. <b>1996</b> , 22, 484-8	8
1916	Expression pattern of candidate cell death effector proteins Bax, Bcl-2, Bcl-X, and c-Jun in sensory and motor neurons following sciatic nerve transection in the rat. <b>1996</b> , 739, 244-50	60
1915	Cycloheximide-induced apoptosis in melanoma cells derived from regressing cutaneous tumours of Sinclair swine. <b>1996</b> , 115, 353-72	9
1914	Bcl-2 acts subsequent to and independent of Ca <sup>2+</sup> fluxes to inhibit apoptosis in thapsigargin- and glucocorticoid-treated mouse lymphoma cells. <b>1996</b> , 19, 473-83	54
1913	Molecular and clinical aspects of apoptosis. <b>1996</b> , 72, 37-50	76
1912	Apoptosis and gastrointestinal pharmacology. <b>1996</b> , 72, 149-69	60
1911	Cell death in <i>C. elegans</i> : molecular insights into mechanisms conserved between nematodes and mammals. <b>1996</b> , 6, 411-25	32
1910	The induction of partial resistance to photodynamic therapy by the protooncogene BCL-2. <b>1996</b> , 64, 845-52	96
1909	The cell-death machine. <b>1996</b> , 6, 555-62	334
1908	Leukaemic CD5 <sup>+</sup> B-cell apoptosis: co-incidence of cell death and DNA fragmentation with reduced bcl-2 expression. <b>1996</b> , 92, 950-3	13
1907	The Fas antigen is detected on immature B cells and the representative cell lines show Fas-mediated apoptosis. <b>1996</b> , 92, 302-7	25
1906	Interleukin-2 receptor common gamma-chain signaling cytokines regulate activated T cell apoptosis in response to growth factor withdrawal: selective induction of anti-apoptotic (bcl-2, bcl-xL) but not pro-apoptotic (bax, bcl-xS) gene expression. <b>1996</b> , 26, 294-9	334
1905	Distinct mechanisms for rescue from apoptosis in Ramos human B cells by signaling through CD40 and interleukin-4 receptor: role for inhibition of an early response gene, Berg36. <b>1996</b> , 26, 2356-63	36
1904	Modulation of Apo-1/Fas (CD95)-induced programmed cell death in myeloma cells by interferon-alpha 2. <b>1996</b> , 26, 3119-26	58
1903	Altered expression of bcl-2 and bax mRNA in amyotrophic lateral sclerosis spinal cord motor neurons. <b>1996</b> , 40, 379-86	148
1902	Increased cerebellar Purkinje cell numbers in mice overexpressing a human bcl-2 transgene. <b>1996</b> , 374, 332-41	74
1901	Regulation of apoptosis by Bcl-2 and its related proteins: immunochemical challenges and therapeutic implications. <b>1996</b> , 179, 1-3	35

1900	Role of programmed (apoptotic) cell death during the progression and therapy for prostate cancer. <b>1996</b> , 28, 251-65	294
1899	Induction of apoptosis in prostatic tumor cell line DU145 by staurosporine, a potent inhibitor of protein kinases. <b>1996</b> , 29, 69-76	22
1898	Different effects of cyclic AMP and butyrate on eosinophilic differentiation, apoptosis and bcl-2 expression of a human eosinophilic leukemia cell line, EoL-1. <b>1996</b> , 14, 181-92	14
1897	Retinoblastoma gene in mouse neural development. <b>1996</b> , 18, 81-91	24
1896	Spontaneous apoptosis in gallbladder carcinoma. Relationships with clinicopathologic factors, expression of E-cadherin, bcl-2 protooncogene, and p53 oncosuppressor gene. <b>1996</b> , 78, 2101-10	31
1895	Bcl-2/bax mRNA expression ratio as prognostic factor in low-grade urinary bladder cancer. <b>1996</b> , 69, 100-4	83
1894	Bcl-2, Bax and p53 expression in B-CLL in relation to in vitro survival and clinical progression. <b>1996</b> , 69, 114-9	111
1893	Frequent expression of Bcl-2 in renal-cell carcinomas carrying wild-type p53. <b>1996</b> , 66, 322-5	54
1892	A novel anti-Thy-1 (CD90) monoclonal antibody induces apoptosis in mouse malignant T-lymphoma cells in spite of inducing bcl-2 expression. <b>1996</b> , 66, 544-50	18
1891	Overexpression of bax sensitizes human breast cancer MCF-7 cells to radiation-induced apoptosis. <b>1996</b> , 67, 101-5	128
1890	Induction of the death-promoting gene bax-alpha sensitizes cultured breast-cancer cells to drug-induced apoptosis. <b>1996</b> , 67, 138-41	87
1889	Cellular responses of HPV-positive cancer cells to genotoxic anti-cancer agents: repression of E6/E7-oncogene expression and induction of apoptosis. <b>1996</b> , 68, 506-13	81
1888	NSO myeloma cell death: Influence of bcl-2 overexpression. <b>1996</b> , 51, 298-304	42
1887	High expression of Bcl-x protein in the developing human cerebellar cortex. <b>1996</b> , 43, 175-82	17
1886	Antisense oligodeoxynucleotides to bax mRNA promote survival of rat sympathetic neurons in culture. <b>1996</b> , 43, 726-34	37
1885	BCL-2, a novel regulator of apoptosis. <b>1996</b> , 60, 12-7	42
1884	BCL-2 family proteins: Regulators of cell death involved in the pathogenesis of cancer and resistance to therapy. <b>1996</b> , 60, 23-32	384
1883	MCL-1, a member of the BCL-2 family, is induced rapidly in response to signals for cell differentiation or death, but not to signals for cell proliferation. <b>1996</b> , 166, 523-36	143

1882	Association of BCL-2 with membrane hyperpolarization and radioresistance. <b>1996</b> , 168, 114-22		35
1881	Programmed cell death during mammary tissue involution induced by weaning, litter removal, and milk stasis. <b>1996</b> , 168, 559-69		105
1880	Apoptosis and the maintenance of homeostasis in the immune system. <b>1996</b> , 8, 245-54		141
1879	Signals and susceptibility to programmed death in b cells. <b>1996</b> , 8, 362-71		33
1878	In leukaemic CD5+ B cells the expression of BCL-2 gene family is shifted toward protection from apoptosis. <b>1996</b> , 94, 612-8		62
1877	Regulation of clinical chemoresistance by bcl-2 and bax oncoproteins in B-cell chronic lymphocytic leukaemia. <b>1996</b> , 95, 513-7		101
1876	Preferential elimination of CD28+ T cells in systemic lupus erythematosus (SLE) and the relation with activation-induced apoptosis. <b>1996</b> , 106, 218-29		64
1875	Apoptosis--its role in tumour growth and therapy. <b>1996</b> , 7, 201-3		6
1874	A new immunosuppressant, FTY720, induces bcl-2-associated apoptotic cell death in human lymphocytes. <b>1996</b> , 89, 518-23		109
1873	Cytokine-induced apoptotic cell death in a mouse pancreatic beta-cell line: inhibition by Bcl-2. <b>1996</b> , 39, 530-6		115
1872	Direct cell killing by suicide genes. <b>1996</b> , 15, 301-16		26
1871	Epidermal growth factor induced apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1996</b> , 1, 33-39	5-4	12
1870	Apoptosis in human gastric mucosa, chronic gastritis, dysplasia and carcinoma: analysis by terminal deoxynucleotidyl transferase-mediated dUTP-biotin nick end labelling. <b>1996</b> , 428, 229-35		46
1869	Bcl-2 protects from lethal hepatic apoptosis induced by an anti-Fas antibody in mice. <b>1996</b> , 2, 80-6		354
1868	Evasion of apoptosis by DNA viruses. <b>1996</b> , 74, 527-37		38
1867	Bax-independent inhibition of apoptosis by Bcl-XL. <b>1996</b> , 379, 554-6		454
1866	Evidence of reciprocity of bcl-2 and p53 expression in human colorectal adenomas and carcinomas. <b>1996</b> , 73, 889-95		108
1865	Expression of Bcl-2 in node-negative breast cancer is associated with various prognostic factors, but does not predict response to one course of perioperative chemotherapy. <b>1996</b> , 74, 78-85		96

1864	BAX gene expression in melanoma metastases. <b>1996</b> , 106, 382	3
1863	Involvement of p53 in DNA strand break-induced apoptosis in postmitotic CNS neurons. <b>1996</b> , 8, 1812-21	120
1862	Binding of DNA oligonucleotides to sequences in the promoter of the human bc1-2 gene. <b>1996</b> , 24, 1758-64	23
1861	Motor neuron growth factors. <b>1996</b> , 47, S47-53	36
1860	REVIEW ? : Keeping Neurons Alive: The Molecular Control of Apoptosis (Part II. <b>1996</b> , 2, 211-216	9
1859	The human immunodeficiency virus type-1 (HIV-1) Tat protein and Bcl-2 gene expression. <b>1996</b> , 23, 551-60	33
1858	Expression of bcl-2 in rheumatoid arthritis. <b>1996</b> , 35, 611-9	7
1857	Regulation of cell division cycle progression by bcl-2 expression: a potential mechanism for inhibition of programmed cell death. <b>1996</b> , 183, 2219-26	258
1856	The E1B 19K protein blocks apoptosis by interacting with and inhibiting the p53-inducible and death-promoting Bax protein. <b>1996</b> , 10, 461-77	265
1855	Proapoptotic protein Bax heterodimerizes with Bcl-2 and homodimerizes with Bax via a novel domain (BH3) distinct from BH1 and BH2. <b>1996</b> , 271, 7440-4	324
1854	bcl-x exhibits regulated expression during B cell development and activation and modulates lymphocyte survival in transgenic mice. <b>1996</b> , 183, 381-91	163
1853	Chlorambucil in chronic lymphocytic leukemia: mechanism of action. <b>1996</b> , 23, 187-201	60
1852	DNA-dependent protein kinase is a target for a CPP32-like apoptotic protease. <b>1996</b> , 271, 25035-40	96
1851	Bax homodimerization is not required for Bax to accelerate chemotherapy-induced cell death. <b>1996</b> , 271, 32073-7	41
1850	Bcl-2 inhibits retinoic acid-induced apoptosis during the neural differentiation of embryonal stem cells. <b>1996</b> , 132, 955-68	92
1849	REVIEW ? : Keeping Neurons Alive: The Molecular Control of Apoptosis (Part I. <b>1996</b> , 2, 181-190	22
1848	The XPB and XPD DNA helicases are components of the p53-mediated apoptosis pathway. <b>1996</b> , 10, 1219-32	233
1847	Developing <i>Caenorhabditis elegans</i> neurons may contain both cell-death protective and killer activities. <b>1996</b> , 10, 578-91	183



1846	Evidence for alpha-helical conformation of an essential N-terminal region in the human Bcl2 protein. <b>1996</b> , 271, 23284-8	44
1845	Type I insulin-like growth factor receptor activation regulates apoptotic proteins. <b>1996</b> , 271, 31791-4	133
1844	Bcl-2 down-regulates the activity of transcription factor NF-kappaB induced upon apoptosis. <b>1996</b> , 134, 13-23	327
1843	p53 prevents maturation to the CD4+CD8+ stage of thymocyte differentiation in the absence of T cell receptor rearrangement. <b>1996</b> , 183, 1923-8	96
1842	p53 levels, functional domains, and DNA damage determine the extent of the apoptotic response of tumor cells. <b>1996</b> , 10, 2438-51	542
1841	The rise and fall of apoptosis during multistage tumorigenesis: down-modulation contributes to tumor progression from angiogenic progenitors. <b>1996</b> , 10, 2105-16	144
1840	Induction of DNA synthesis and apoptosis in cardiac myocytes by E1A oncoprotein. <b>1996</b> , 133, 325-34	84
1839	An additional form of rat Bcl-x, Bcl-xbeta, generated by an unspliced RNA, promotes apoptosis in promyeloid cells. <b>1996</b> , 271, 13258-65	59
1838	Human germinal center B cells express the apoptosis-inducing genes Fas, c-myc, P53, and Bax but not the survival gene bcl-2. <b>1996</b> , 183, 971-7	185
1837	Bcl-2 protects macrophages from nitric oxide-induced apoptosis. <b>1996</b> , 271, 20192-7	175
1836	One step ahead of the game: viral immunomodulatory molecules. <b>1996</b> , 14, 101-30	213
1835	Recombinant mouse Bcl-2(1-203). Two domains connected by a long protease-sensitive linker. <b>1996</b> , 271, 30811-5	14
1834	Inhibition of Nur77/Nurr1 leads to inefficient clonal deletion of self-reactive T cells. <b>1996</b> , 183, 1879-92	141
1833	BID: a novel BH3 domain-only death agonist. <b>1996</b> , 10, 2859-69	732
1832	Bax can antagonize Bcl-XL during etoposide and cisplatin-induced cell death independently of its heterodimerization with Bcl-XL. <b>1996</b> , 271, 22764-72	89
1831	A bcl-2 transgene expressed in hepatocytes protects mice from fulminant liver destruction but not from rapid death induced by anti-Fas antibody injection. <b>1996</b> , 183, 1031-6	180
1830	Suppression of interleukin-1 beta-converting enzyme-mediated cell death by insulin-like growth factor. <b>1996</b> , 271, 5112-7	91
1829	Life, death, and the pursuit of apoptosis. <b>1996</b> , 10, 1-15	1041

1828	Modulation of apoptosis with cytokines in B-cell chronic lymphocytic leukaemia. <b>1996</b> , 21, 369-77	51
1827	Diminished cell proliferation associated with the death-protective activity of Bcl-2. <b>1996</b> , 271, 12695-8	168
1826	Bcl-x(S) anatagonizes the protective effects of Bcl-x(L). <b>1996</b> , 271, 6306-12	155
1825	Lyn and Fgr protein-tyrosine kinases prevent apoptosis during retinoic acid-induced granulocytic differentiation of HL-60 cells. <b>1996</b> , 271, 11557-62	60
1824	A peptide sequence from Bax that converts Bcl-2 into an activator of apoptosis. <b>1996</b> , 271, 8521-4	89
1823	Adenovirus E1B 19-kDa death suppressor protein interacts with Bax but not with Bad. <b>1996</b> , 271, 24221-5	41
1822	The role of apoptosis in the pathogenesis and treatment of diseases. <b>1996</b> , 9, 1293-305	50
1821	Polycystic Ovary Syndrome (PCOS): The Possible Roles of Apoptosis in Human Granulosa Cells. <b>1996</b> , 51-70	3
1820	Gonadal cell apoptosis: hormone-regulated cell demise. <b>1996</b> , 2, 103-17	113
1819	Expression of the human Bcl-2 increases resistance of Ewing's sarcoma cells to apoptosis and inhibits poly(ADP-ribose) polymerase cleavage induced by radiation. <b>1996</b> , 9, 547-51	4
1818	The role of p53, bcl-2 and bax network in dexamethasone induced apoptosis in multiple myeloma cell lines. <b>1996</b> , 8, 719-26	6
1817	UV irradiation leads to transient changes in phosphorylation and stability of tumor suppressor protein p53. <b>1996</b> , 9, 1277-85	
1816	No significant changes in the expression of the fas,fasl,bcl-2 and bax genes in apoptosis of an erythroleukemic cell line by p53. <b>1996</b> , 9, 269-77	
1815	bcl-2 plays a major role in resistance to dexamethasone induced apoptosis in multiple myeloma cell lines. <b>1996</b> , 9, 375-81	3
1814	bcl-2 proto-oncogene, apoptosis and oncogenesis. <b>1996</b> , 9, 563-6	1
1813	Expression of the cell death-inducing gene bax in carcinomas developed from the follicular cells of the thyroid gland. <b>1996</b> , 81, 2726-30	40
1812	Expression of Bax in relation to Bcl-2 and other predictive parameters in breast cancer. <b>1996</b> , 7, 129-33	44
1811	Bcl-x gene expression in Hodgkin's disease. <b>1996</b> , 23, 143-6	14

1810	Fas antigen/APO-1 (CD95) expression on myeloma cells. <b>1996</b> , 23, 521-31	12
1809	Drug Resistance. <b>1996</b> ,	3
1808	Expression and function of a proapoptotic Bcl-2 family member Bcl-XL/Bcl-2-associated death promoter (BAD) in rat ovary. <b>1997</b> , 138, 5497-504	41
1807	Methods for Detection of Apoptosis in the CNS. <b>1997</b> , 217-236	2
1806	Interference of BAD (Bcl-xL/Bcl-2-associated death promoter)-induced apoptosis in mammalian cells by 14-3-3 isoforms and P11. <b>1997</b> , 11, 1858-67	143
1805	P53, MDM-2, BAX and BCL-2 and drug resistance in chronic lymphocytic leukemia. <b>1997</b> , 26, 435-49	63
1804	[Apoptosis and anti-apoptosis genes in the Bcl-2 family]. <b>1997</b> , 105, 125-35	40
1803	Contrasting effects of vitamins as modulators of apoptosis in cancer cells and normal cells: a review. <b>1997</b> , 29, 97-103	22
1802	Role of Bag-1 in the survival and proliferation of the cytokine-dependent lymphocyte lines, Ba/F3 and Nb2. <b>1997</b> , 11, 608-18	88
1801	Induction of the apoptosis-promoting protein Bak by perillyl alcohol in pancreatic ductal adenocarcinoma relative to untransformed ductal epithelial cells. <b>1997</b> , 18, 1655-8	49
1800	Prognostic Factors Including Proliferation Markers Ki-67, bax, and bcl-2 in Temporal Bone Paraganglioma. <b>1997</b> , 7, 175-81	2
1799	Interferon-gamma modulates a p53-independent apoptotic pathway and apoptosis-related gene expression. <b>1997</b> , 272, 16351-7	214
1798	Energy metabolism during apoptosis. Bcl-2 promotes survival in hematopoietic cells induced to apoptose by growth factor withdrawal by stabilizing a form of metabolic arrest. <b>1997</b> , 272, 4680-8	157
1797	Bax- and Bak-induced cell death in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 8, 325-39	155
1796	Oncogene-dependent apoptosis in extracts from drug-resistant cells. <b>1997</b> , 11, 1266-76	54
1795	Pathways of p53-dependent apoptosis. <b>1997</b> , 53, 139-73	6
1794	Mechanisms of Apoptosis. <b>1997</b> , 20, 183-229	1
1793	Bcl-2 counters apoptosis by Bax heterodimerization-dependent and -independent mechanisms in the T-cell lineage. <b>1997</b> , 272, 29347-55	53

1792	Characterization of p53 and p21 functional interactions in glioma cells en route to apoptosis. <b>1997</b> , 89, 1036-44	108
1791	Programmed cell death in neurons: focus on the pathway of nerve growth factor deprivation-induced death of sympathetic neurons. <b>1997</b> , 51, 897-906	188
1790	Activation of the metaphase checkpoint and an apoptosis programme in the early zebrafish embryo, by treatment with the spindle-destabilising agent nocodazole. <b>1997</b> , 5, 329-50	41
1789	Movement of Bax from the cytosol to mitochondria during apoptosis. <b>1997</b> , 139, 1281-92	1571
1788	BH3 domain of BAD is required for heterodimerization with BCL-XL and pro-apoptotic activity. <b>1997</b> , 272, 24101-4	235
1787	Apoptosis, neurotrophic factors and neurodegeneration. <b>1997</b> , 8, 223-65	38
1786	CLARP, a death effector domain-containing protein interacts with caspase-8 and regulates apoptosis. <b>1997</b> , 94, 10717-22	266
1785	Bik and Bak induce apoptosis downstream of CrmA but upstream of inhibitor of apoptosis. <b>1997</b> , 272, 8841-4	61
1784	Atrial natriuretic peptide induces apoptosis in neonatal rat cardiac myocytes. <b>1997</b> , 272, 14860-6	178
1783	Modulation of cell death in yeast by the Bcl-2 family of proteins. <b>1997</b> , 272, 15547-52	85
1782	Structural and functional complementation of an inactive Bcl-2 mutant by Bax truncation. <b>1997</b> , 272, 16955-61	28
1781	c-Jun NH2-terminal kinase-mediated activation of interleukin-1beta converting enzyme/CED-3-like protease during anticancer drug-induced apoptosis. <b>1997</b> , 272, 4631-6	156
1780	Bax deletion further orders the cell death pathway in cerebellar granule cells and suggests a caspase-independent pathway to cell death. <b>1997</b> , 139, 205-17	353
1779	Bcl-2 lies downstream of parathyroid hormone-related peptide in a signaling pathway that regulates chondrocyte maturation during skeletal development. <b>1997</b> , 136, 205-13	280
1778	Drug Toxicity in Embryonic Development I. <b>1997</b> ,	1
1777	bcl-2 expression confers androgen independence in androgen sensitive prostatic carcinoma. <b>1997</b> , 10, 113-8	
1776	Detection of somatic mutations of the bcl-2 oncogene in B cell lymphomas with the t(14;18). <b>1997</b> , 11, 481-8	
1775	Bcl-2 protein expression in breast cancer and its relationship to prognosis. <b>1997</b> , 10, 581-4	

1774	Molecular mechanisms of retinoid action in acute promyelocytic leukemia (Review). <b>1997</b> , 11, 397-414	
1773	Altered expression of the genes regulating apoptosis in multidrug resistant human myeloid leukemia cell lines overexpressing MDR1 or MRP gene. <b>1997</b> , 11, 945	
1772	Involvement of bcl-2 and bax gene expression in apoptosis and differentiation of the non-tumorigenic murine hematopoietic cell line, 32DC13(G). <b>1997</b> , 11, 1271-7	
1771	The significance and potential molecular mechanisms of gastrointestinal barrier homeostasis. <b>1997</b> , 32, 1073-82	9
1770	Bad is a BH3 domain-containing protein that forms an inactivating dimer with Bcl-XL. <b>1997</b> , 17, 7040-6	250
1769	The bcl-2 family of proteins. <b>1997</b> , 53, 466-77	42
1768	Differential expression of members of the bcl-2 gene family in proliferative and secretory human endometrium: glandular epithelial cell apoptosis is associated with increased expression of bax. <b>1997</b> , 82, 2738-46	101
1767	Role of Bcr-Abl kinase in resistance to apoptosis. <b>1997</b> , 41, 533-52	6
1766	Functional dissection of the pro-apoptotic protein Bik. Heterodimerization with anti-apoptosis proteins is insufficient for induction of cell death. <b>1997</b> , 272, 24494-8	55
1765	Dimerization properties of human BAD. Identification of a BH-3 domain and analysis of its binding to mutant BCL-2 and BCL-XL proteins. <b>1997</b> , 272, 30866-72	112
1764	Nonionic detergents induce dimerization among members of the Bcl-2 family. <b>1997</b> , 272, 13829-34	483
1763	Progestins prevent apoptosis in a rat endometrial cell line and increase the ratio of bcl-XL to bcl-XS. <b>1997</b> , 272, 11791-8	50
1762	Crystal structure of rat Bcl-xL. Implications for the function of the Bcl-2 protein family. <b>1997</b> , 272, 27886-92	97
1761	Bi-transgenic mice reveal that K-rasVal12 augments a p53-independent apoptosis when small intestinal villus enterocytes reenter the cell cycle. <b>1997</b> , 138, 167-79	18
1760	Murine thioredoxin peroxidase delays neuronal apoptosis and is expressed in areas of the brain most susceptible to hypoxic and ischemic injury. <b>1997</b> , 16, 311-21	87
1759	Regulators of apoptosis on the road to persistent alphavirus infection. <b>1997</b> , 51, 565-92	85
1758	Immunolocalization of the apoptosis regulating proteins Bcl-2 and Bax in human endometrium and isolated peritoneal fluid macrophages in endometriosis. <b>1997</b> , 12, 146-52	56
1757	Virus-induced apoptosis. <b>1997</b> , 41, 295-336	50

1756	C-myc-induced apoptosis in polycystic kidney disease is Bcl-2 and p53 independent. <b>1997</b> , 186, 1873-84	83
1755	Treatment of Philadelphia leukemia in severe combined immunodeficient mice by combination of cyclophosphamide and bcr/abl antisense oligodeoxynucleotides. <b>1997</b> , 89, 124-33	49
1754	Apoptosis in peripheral lymphocytes in systemic lupus erythematosus: a review. <b>1997</b> , 36, 158-63	33
1753	bcl-2 vs p53 Protein Expression and Apoptotic Rate in Human Nonmelanoma Skin Cancers. <b>1997</b> , 133, 599	23
1752	Human Melanocytes as a Model System for Studies of Alzheimer Disease. <b>1997</b> , 133, 1287	12
1751	Molecular pathways in low grade B-cell lymphoma. <b>1997</b> , 26 Suppl 1, 107-13	10
1750	Control of differentiation, transformation, and apoptosis in granulosa cells by oncogenes, oncoviruses, and tumor suppressor genes. <b>1997</b> , 18, 435-61	100
1749	Developments in Organized Marketing Arrangements: Discussion. <b>1997</b> , 79, 1573-1575	
1748	N-(4-hydroxyphenyl)retinamide activation of a distinct pathway signaling apoptosis. <b>1997</b> , 89, 1179-81	11
1747	Apoptosis: its role in the development of malignancies and its potential as a novel therapeutic target. <b>1997</b> , 31, 76-82	58
1746	Apoptosis-suppressor gene bcl-2 expression after traumatic brain injury in rats. <b>1997</b> , 17, 9172-82	213
1745	Regulation of Bcl-xL expression in human keratinocytes by cell-substratum adhesion and the epidermal growth factor receptor. <b>1997</b> , 94, 5067-72	75
1744	Mitogen-activated protein kinase-mediated Fas apoptotic signaling pathway. <b>1997</b> , 94, 3302-7	229
1743	Wip1, a novel human protein phosphatase that is induced in response to ionizing radiation in a p53-dependent manner. <b>1997</b> , 94, 6048-53	449
1742	Heterogeneity of clonal lymphocytes with regard to bcl-2 protein concentration and cell size. <b>1997</b> , 50, 326-8	
1741	Expression of Bcl-2 and PCNA in duct cells after pancreatic duct ligation in rats. <b>1997</b> , 15, 176-82	22
1740	What does cell death have to do with aging?. <b>1997</b> , 45, 1140-6	88
1739	Transfection of C6 glioma cells with the bax gene and increased sensitivity to treatment with cytosine arabinoside. <b>1997</b> , 3, Article3	1

1738	Increased bax and interleukin-1beta-converting enzyme messenger ribonucleic acid levels coincide with apoptosis in the bovine corpus luteum during structural regression. <b>1997</b> , 56, 186-93	104
1737	The CDK7-cycH-p36 complex of transcription factor IIH phosphorylates p53, enhancing its sequence-specific DNA binding activity in vitro. <b>1997</b> , 17, 5923-34	136
1736	E2F-1 cooperates with topoisomerase II inhibition and DNA damage to selectively augment p53-independent apoptosis. <b>1997</b> , 17, 1049-56	83
1735	Functional aspects of apoptosis in hematopoiesis and consequences of failure. <b>1997</b> , 71, 121-64	36
1734	Bcl-2 family proteins and the hormonal control of cell life and death in normalcy and neoplasia. <b>1997</b> , 53, 99-138	16
1733	Fushi-ka (defective apoptosis) and rheumatic autoimmune diseases: an overview on the regulation of Fas-mediated T cell apoptotic signal transduction. <b>1997</b> , 7, 211-234	
1732	The Bcl-2/Bax ratio of lymphocytes from human systemic lupus erythematosus patients. <b>1997</b> , 7, 305-313	
1731	The immune system: A functional perspective. <b>1997</b> , 3, 55-125	
1730	Bax accelerates staurosporine-induced but suppresses nigericin-induced neuronal cell death. <b>1997</b> , 8, 1851-6	21
1729	Bcl-2 does not require Raf kinase activity for its death-protective function. <b>1997</b> , 324 ( Pt 1), 75-83	20
1728	Activation of CPP32 and Mch3 alpha in wild-type p53-induced apoptosis. <b>1997</b> , 322 ( Pt 1), 19-23	19
1727	Bcl-xL overexpression attenuates glutathione depletion in FL5.12 cells following interleukin-3 withdrawal. <b>1997</b> , 325 ( Pt 2), 315-9	89
1726	Role of p53 in apoptosis. <b>1997</b> , 41, 429-60	49
1725	Foulds' dangerous idea revisited: the multistep development of tumors 40 years later. <b>1998</b> , 72, 1-23	30
1724	p28 Bap31, a Bcl-2/Bcl-XL- and procaspase-8-associated protein in the endoplasmic reticulum. <b>1997</b> , 139, 327-38	283
1723	Cytosol-to-membrane redistribution of Bax and Bcl-X(L) during apoptosis. <b>1997</b> , 94, 3668-72	1003
1722	Comparison of the ion channel characteristics of proapoptotic BAX and antiapoptotic BCL-2. <b>1997</b> , 94, 11357-62	454
1721	Induction of Apoptosis in Human Leukaemia Cells is Differentially Regulated by Vitamin D Derivatives and Retinoids. <b>1997</b> , 2, 289-301	3

1720	bax-deficiency promotes drug resistance and oncogenic transformation by attenuating p53-dependent apoptosis. <b>1997</b> , 94, 2345-9	334
1719	Bcl-2/Bax ratios in chronic lymphocytic leukaemia and their correlation with in vitro apoptosis and clinical resistance. <b>1997</b> , 76, 935-8	174
1718	Explaining Aberrations of Cell Structure and Cell Signaling in Cancer Using Complex Adaptive Systems. <b>1997</b> , 24, 207-247	3
1717	NSE-bcl-2 transgenic mice, a model system for studying neuronal death and survival. <b>1997</b> , 19, 79-85	16
1716	Apoptosis: an overview of the process and its relevance in disease. <b>1997</b> , 41, 1-34	85
1715	Genetics of apoptosis. <b>1997</b> , 41, 35-56	5
1714	Death and dying in the immune system. <b>1997</b> , 41, 179-218	11
1713	Apoptosis in AIDS. <b>1997</b> , 41, 271-94	15
1712	Retinoids and Apoptosis. <b>1997</b> , 161-196	2
1711	Regulation of Fas-mediated apoptosis. <b>1997</b> , 35, 69-105	5
1710	Cell cycle checkpoints and apoptosis: potential for improving radiation therapy. <b>1997</b> , 53, 1-25	2
1709	Viral inhibitors of apoptosis. <b>1997</b> , 53, 175-93	9
1708	Expression of inducible nitric oxide synthase and apoptosis in human lupus nephritis. <b>1997</b> , 77, 404-11	28
1707	Expression of Bax and bcl-2 proteins, regulators of programmed cell death, in human brain tumors. <b>1997</b> , 19, 623-8	33
1706	Molecular mechanisms of apoptosis in HL-60 cells induced by a nitric oxide-releasing compound. <b>1997</b> , 27, 325-35	36
1705	Low level expression of basic FGF upregulates Bcl-2 and delays apoptosis, but high intracellular levels are required to induce transformation in NIH 3T3 cells. <b>1997</b> , 15, 41-60	32
1704	The Bcl-xL and Bax-a control points: modulation of apoptosis induced by cancer chemotherapy and relation to TPCK-sensitive protease and caspase activation. <b>1997</b> , 75, 301-314	31
1703	Bcl-2 family proteins: strategies for overcoming chemoresistance in cancer. <b>1997</b> , 41, 501-32	95



1702	Bcl-2 expression in acute myeloblastic leukaemia: relationship with autonomous growth and CD34 antigen expression. <b>1997</b> , 24, 221-8	27
1701	p53 and ATM: cell cycle, cell death, and cancer. <b>1997</b> , 71, 1-25	222
1700	Further Investigation of the Response of Human Uroepithelium to Low Doses of Cobalt-60 Gamma Radiation. <b>1997</b> , 147, 156	17
1699	Differential Activation of p53 Targets in Cells Treated with Ultraviolet Radiation That Undergo Both Apoptosis and Growth Arrest. <b>1997</b> , 148, 115	39
1698	Bcl-2 phosphorylation required for anti-apoptosis function. <b>1997</b> , 272, 11671-3	446
1697	Molecular pathogenesis of colorectal cancer. <b>1997</b> , 11, 609-33	17
1696	Apoptosis and disease: regulation and clinical relevance of programmed cell death. <b>1997</b> , 48, 267-81	288
1695	Granule cell apoptosis and protein expression in hippocampal dentate gyrus after forebrain ischemia in the rat. <b>1997</b> , 150, 93-102	50
1694	Lack of butyrate is associated with induction of Bax and subsequent apoptosis in the proximal colon of guinea pig. <b>1997</b> , 112, 875-81	126
1693	Apoptosis induced by hyperthermia and verapamil in vitro in a human colon cancer cell line. <b>1997</b> , 13, 547-57	10
1692	Somatic frameshift mutations in the BAX gene in colon cancers of the microsatellite mutator phenotype. <b>1997</b> , 275, 967-9	1168
1691	Interaction of CED-4 with CED-3 and CED-9: a molecular framework for cell death. <b>1997</b> , 275, 1122-6	577
1690	Inhibition of Bax channel-forming activity by Bcl-2. <b>1997</b> , 277, 370-2	945
1689	Resistance to apoptosis and up regulation of Bcl-2 in benign prostatic hyperplasia after androgen deprivation. <b>1997</b> , 158, 212-6	43
1688	Fas-signaling and effects on receptor tyrosine kinase signal transduction in human breast epithelial cells. <b>1997</b> , 230, 89-93	20
1687	Rat TAFII31 gene is induced upon programmed cell death in differentiated PC12 cells deprived of NGF. <b>1997</b> , 234, 230-4	8
1686	Growth inhibition and induction of apoptosis by HGF in transformed rat liver epithelial cells. <b>1997</b> , 236, 396-401	36
1685	Keratinocytes become terminally differentiated in a process involving programmed cell death. <b>1997</b> , 238, 886-90	67

1684	Mechanisms underlying apoptosis induced by combination of 5-fluorouracil and interferon-gamma. <b>1997</b> , 240, 376-81	30
1683	Bcl-xL overexpression restricts heat-induced apoptosis and influences hsp70, bcl-2, and Bax protein levels in FL5.12 cells. <b>1997</b> , 241, 164-8	28
1682	Mouse vaginal opening is an apoptosis-dependent process which can be prevented by the overexpression of Bcl2. <b>1997</b> , 184, 115-21	61
1681	Bcl-X(L) expression and its downregulation by a novel retinoid in breast carcinoma cells. <b>1997</b> , 232, 17-24	29
1680	Altered sensitivity to retinoid-induced apoptosis associated with changes in the subcellular distribution of Bcl-2. <b>1997</b> , 233, 281-7	27
1679	Antiapoptotic action of 1,25-dihydroxyvitamin D3 is associated with increased mitochondrial MCL-1 and RAF-1 proteins and reduced release of cytochrome c. <b>1997</b> , 235, 210-7	80
1678	Effect of flupirtine on Bcl-2 and glutathione level in neuronal cells treated in vitro with the prion protein fragment (PrP106-126). <b>1997</b> , 147, 518-24	64
1677	Gene structure, cDNA sequence, and expression of murine Bak, a proapoptotic Bcl-2 family member. <b>1997</b> , 44, 195-200	18
1676	Ischemia-reperfusion injury on the pancreas in rats: identification of acinar cell apoptosis. <b>1997</b> , 71, 127-36	41
1675	Apoptosis in oral erythema multiforme. <b>1997</b> , 83, 272-80	16
1674	Errors of homeostasis and deregulated apoptosis. <b>1997</b> , 7, 589-96	48
1673	Bcl-2 and the ICE family of apoptotic regulators: making a connection. <b>1997</b> , 7, 52-8	122
1672	Metallothionein and Fas (CD95) are expressed in squamous cell carcinoma of the tongue. <b>1997</b> , 33, 1860-4	42
1671	Betulinic acid induces apoptosis in human neuroblastoma cell lines. <b>1997</b> , 33, 2007-10	120
1670	Cytochrome c and dATP-dependent formation of Apaf-1/caspase-9 complex initiates an apoptotic protease cascade. <i>Cell</i> , <b>1997</b> , 91, 479-89	56.2 6095
1669	Isolation and characterization of a cDNA encoding a Translin-like protein, TRAX. <b>1997</b> , 401, 109-12	79
1668	Sphingosine induces apoptosis in androgen-independent human prostatic carcinoma DU-145 cells by suppression of bcl-X(L) gene expression. <b>1997</b> , 407, 97-100	43
1667	Bcl-2 gene family in the nervous system. <b>1997</b> , 20, 245-67	541

1666	Liver apoptosis. <b>1997</b> , 26 Suppl 2, 1-11	96
1665	Spontaneous overexpression of the long form of the Bcl-X protein in a highly resistant P388 leukaemia. <b>1997</b> , 75, 268-74	26
1664	Expression of Bax, Bcl-2, Waf-1, and PCNA gene products in an immortalized human endothelial cell line undergoing p53-mediated apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 442-54	5.4 5
1663	Complex interplay among apoptosis factors: RB, p53, E2F, TGF-beta, cell cycle inhibitors and the bcl2 gene family. <b>1997</b> , 35, 257-61	20
1662	Aberrant expression of bcl-2 gene family in Down's syndrome brains. <b>1997</b> , 48, 53-9	51
1661	Regions outside of the Bcl-2 homology domains, BH1 and BH2 protect a dopaminergic neuronal cell line from staurosporine-induced cell death. <b>1997</b> , 51, 133-42	16
1660	Suppression of apoptosis by overexpression of Bcl-2 or Bcl-xL promotes survival and mutagenesis after oxidative damage. <b>1997</b> , 79, 613-7	48
1659	Effects of dehydroepiandrosterone and calorie restriction on the Bcl-2/Bax-mediated apoptotic pathway in p53-deficient mice. <b>1997</b> , 116, 61-9	27
1658	Relationship between nitrogen mustard drug resistance in B-cell chronic lymphocytic leukemia (B-CLL) and protein expression of Bcl-2, Bax, Bcl-X and p53. <b>1997</b> , 121, 59-67	17
1657	Chronic lymphocytic leukemia: A disease of dysregulated programmed cell death. <b>1997</b> , 17, 125-130	9
1656	Apoptosis-related protein expression in the hippocampus in Alzheimer's disease. <b>1997</b> , 18, 565-71	100
1655	Transforming growth factor-beta1 induces apoptosis of rat microglia without relation to bcl-2 oncoprotein expression. <b>1997</b> , 226, 71-4	49
1654	T3 treatment increases mitosis, then bax expression and apoptosis in the optic lobe of the chick embryo. <b>1997</b> , 231, 127-30	11
1653	3-nitropropionic acid induces poly(ADP-ribosyl)ation and apoptosis related gene expression in the striatum in vivo. <b>1997</b> , 237, 121-4	25
1652	Bcl-2 and Bax proteins in Lewy bodies from patients with Parkinson's disease and Diffuse Lewy body disease. <b>1997</b> , 238, 78-80	32
1651	Biology of pulmonary preneoplastic lesions. <b>1997</b> , 23, 241-62	8
1650	Modeling signal transduction in normal and cancer cells using complex adaptive systems. <b>1997</b> , 48, 111-23	44
1649	Identification of a differential display product associated with apoptosis in chicken thymocytes. <b>1997</b> , 21, 413-24	1

1648	A Bcl-2 homolog encoded by Kaposi sarcoma-associated virus, human herpesvirus 8, inhibits apoptosis but does not heterodimerize with Bax or Bak. <b>1997</b> , 94, 690-4		388
1647	Modulation of ara-C induced apoptosis in leukemia by the PKC activator bryostatin 1. <b>1997</b> , 2, d242-52		10
1646	Inducible expression of bcl-2 by the lac operator/repressor system in MDCK cells. <b>1997</b> , 273, F300-6		3
1645	Enforced Bcl-2 expression inhibits antigen-mediated clonal elimination of peripheral B cells in an antigen dose-dependent manner and promotes receptor editing in autoreactive, immature B cells. <b>1997</b> , 186, 1513-22		118
1644	Bax deficiency prevents the increased cell death of immature neurons in bcl-x-deficient mice. <b>1997</b> , 17, 3112-9		162
1643	Cell death in the nervous system. <b>1997</b> , 2, 14-8		1
1642	Avoidance of apoptosis as a mechanism of drug resistance. <b>1997</b> , 242, 139-145		19
1641	Apoptosis. <b>1997</b> , 16, 89-115		
1640	Defining Apoptosis: Players and Systems. <b>1997</b> , 4, 219-228		5
1639	Agents that down-regulate or inhibit protein kinase C circumvent resistance to 1-beta-D-arabinofuranosylcytosine-induced apoptosis in human leukemia cells that overexpress Bcl-2. <b>1997</b> , 52, 1000-9		75
1638	Apoptosis in tumorigenesis and cancer therapy. <b>1997</b> , 2, d353-79		41
1637	A common binding site mediates heterodimerization and homodimerization of Bcl-2 family members. <b>1997</b> , 272, 11350-5		88
1636	Hepatitis B virus X protein and p53 tumor suppressor interactions in the modulation of apoptosis. <b>1997</b> , 94, 14707-12		285
1635	Relationship of p53, bcl-2, and Tumor Proliferation to Clinical Drug Resistance in Non-Hodgkin's Lymphomas. <i>Blood</i> , <b>1997</b> , 89, 601-609	2.2	196
1634	CD6 Ligation Modulates the Bcl-2/Bax Ratio and Protects Chronic Lymphocytic Leukemia B Cells From Apoptosis Induced by Anti-IgM. <i>Blood</i> , <b>1997</b> , 89, 2833-2841	2.2	79
1633	Induction of Apoptosis Without Differentiation by Retinoic Acid in PLB-985 Cells Requires the Activation of Both RAR and RXR. <i>Blood</i> , <b>1997</b> , 90, 3345-3355	2.2	39
1632	Expression and Regulation of Bcl-2, Bcl-xl, and Bax Correlate With p53 Status and Sensitivity to Apoptosis in Childhood Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>1997</b> , 89, 2986-2993	2.2	178
1631	Interleukin-13 in Combination With CD40 Ligand Potently Inhibits Apoptosis in Human B Lymphocytes: Upregulation of Bcl-xL and Mcl-1. <i>Blood</i> , <b>1997</b> , 89, 4415-4424	2.2	79

1630	Bcl-2 Does Not Protect Burkitt's Lymphoma Cells From Oxidant-Induced Cell Death. <i>Blood</i> , <b>1997</b> , 89, 4480-4492	2.2	57
1629	Mcl-1, a Bcl-2 Family Member, Delays the Death of Hematopoietic Cells Under a Variety of Apoptosis-Inducing Conditions. <i>Blood</i> , <b>1997</b> , 89, 630-643	2.2	291
1628	Thrombopoietin Upregulates the Promoter Conformation of p53 in a Proliferation-Independent Manner Coincident With a Decreased Expression of Bax: Potential Mechanisms for Survival Enhancing Effects. <i>Blood</i> , <b>1997</b> , 90, 4394-4402	2.2	26
1627	The Roles of Bcl-XL and Apopain in the Control of Erythropoiesis by Erythropoietin. <i>Blood</i> , <b>1997</b> , 90, 630-640	2.2	143
1626	Modulation of Bcl-2 Protein by CD4 Cross-Linking: A Possible Mechanism for Lymphocyte Apoptosis in Human Immunodeficiency Virus Infection and for Rescue of Apoptosis by Interleukin-2. <i>Blood</i> , <b>1997</b> , 90, 745-753	2.2	72
1625	Upregulation of the Elongation Factor-1 $\beta$ Gene by p53 in Association With Death of an Erythroleukemic Cell Line. <i>Blood</i> , <b>1997</b> , 90, 1373-1378	2.2	49
1624	Prognostic Significance of Bax Protein Expression in Diffuse Aggressive Non-Hodgkin's Lymphoma. <i>Blood</i> , <b>1997</b> , 90, 3173-3178	2.2	60
1623	Susceptibility of cerebellar granule neurons derived from Bcl-2-deficient and transgenic mice to cell death. <b>1997</b> , 9, 848-56		42
1622	Up-regulation of Bax protein in degenerating retinal ganglion cells precedes apoptotic cell death after optic nerve lesion in the rat. <b>1997</b> , 9, 1763-72		140
1621	Bcl-2 regulates the levels of the cysteine proteases ICH and CPP32/Yama in human neuronal precursor cells. <b>1997</b> , 9, 2489-96		15
1620	Expression of pro- and anti-apoptosis gene products in brains from paediatric patients with HIV-1 encephalitis. <b>1997</b> , 23, 242-253		33
1619	Quantification of Bax/Bcl-2 ratios in peripheral blood lymphocytes, monocytes and granulocytes and their relation to susceptibility to anti-Fas (anti-CD95)-induced apoptosis. <b>1997</b> , 110, 324-8		25
1618	Apoptosis-associated markers in oral lichen planus. <b>1997</b> , 26, 170-5		86
1617	Effects of 3-deazaadenosine on apoptosis-related gene transcripts in HL-60 cells. <b>1997</b> , 81, 199-204		5
1616	Potential molecular targets for manipulating the radiation response. <b>1997</b> , 37, 639-53		96
1615	Effect of radiation and paclitaxel on p53 expression in murine tumors sensitive or resistant to apoptosis induction. <b>1997</b> , 38, 623-31		28
1614	The genes of cell death and cellular susceptibility to apoptosis in the ovary: a hypothesis. <b>1997</b> , 4, 180-7		59
1613	Expression of bak in <i>S. pombe</i> results in a lethality mediated through interaction with the calnexin homologue Cnx1. <b>1997</b> , 4, 263-71		32

1612	Modulation of the expression of Bcl-2 and related proteins in human leukemia cells by protein kinase C activators: relationship to effects on 1-[beta-D-arabinofuranosyl]cytosine-induced apoptosis. <b>1997</b> , 4, 294-303	6
1611	Involvement of 5-lipoxygenase in programmed cell death of cancer cells. <b>1997</b> , 4, 396-402	42
1610	Ras-dependent apoptosis correlates with persistent activation of stress-activated protein kinases and induction of isoform(s) of Bcl-x. <b>1997</b> , 4, 745-55	10
1609	t(14;18), a journey to eternity. <b>1997</b> , 11, 2175-87	29
1608	Activation of p53 transcriptional activity by 1,10-phenanthroline, a metal chelator and redox sensitive compound. <b>1997</b> , 14, 385-93	67
1607	Bcl-2, Bcl-XL and adenovirus protein E1B19kD are functionally equivalent in their ability to inhibit cell death. <b>1997</b> , 14, 405-14	231
1606	The Evi-1 proto-oncogene encodes a transcriptional repressor activity associated with transformation. <b>1997</b> , 14, 569-77	67
1605	GRS, a novel member of the Bcl-2 gene family, is highly expressed in multiple cancer cell lines and in normal leukocytes. <b>1997</b> , 14, 997-1001	29
1604	Induction of BCL2 family member MCL1 as an early response to DNA damage. <b>1997</b> , 14, 1031-9	74
1603	Suppression of interleukin-1beta converting enzyme (ICE)-induced apoptosis by SV40 large T antigen. <b>1997</b> , 14, 1207-14	16
1602	p53 induced by ionizing radiation mediates DNA end-jointing activity, but not apoptosis of thyroid cells. <b>1997</b> , 14, 1511-9	67
1601	Influence of Bcl-2 overexpression on the ceramide pathway in daunorubicin-induced apoptosis of leukemic cells. <b>1997</b> , 14, 1837-45	67
1600	Radiation-induced apoptosis is not enhanced by expression of either p53 or BAX in SW626 ovarian cancer cells. <b>1997</b> , 14, 2753-8	20
1599	gamma-Ray-induced apoptosis in transgenic mice with proliferative abnormalities in their intestinal epithelium: re-entry of villus enterocytes into the cell cycle does not affect their radioresistance but enhances the radiosensitivity of the crypt by inducing p53. <b>1997</b> , 15, 131-41	35
1598	Bcl-2 and Hsp27 act at different levels to suppress programmed cell death. <b>1997</b> , 15, 347-60	90
1597	c-Myc plays a role in cellular susceptibility to death receptor-mediated and chemotherapy-induced apoptosis in human monocytic leukemia U937 cells. <b>1997</b> , 15, 639-47	42
1596	Butyrate modulates DNA-damage-induced p53 response by induction of p53-independent differentiation and apoptosis. <b>1997</b> , 15, 1395-406	61
1595	The p53 targets mdm2 and Fas are not required as mediators of apoptosis in vivo. <b>1997</b> , 15, 1527-34	61

1594	Pim-1 kinase stimulates c-Myc-mediated death signaling upstream of caspase-3 (CPP32)-like protease activation. <b>1997</b> , 15, 1471-80	32
1593	Evidence of genetic progression in human gastric carcinomas with microsatellite instability. <b>1997</b> , 15, 1719-26	72
1592	Caspase-dependent apoptosis of COS-7 cells induced by Bax overexpression: differential effects of Bcl-2 and Bcl-xL on Bax-induced caspase activation and apoptosis. <b>1997</b> , 15, 1763-72	58
1591	Bak can accelerate chemotherapy-induced cell death independently of its heterodimerization with Bcl-XL and Bcl-2. <b>1997</b> , 15, 1871-5	48
1590	Overexpression of Bcl-2 inhibits alveolar cell apoptosis during involution and accelerates c-myc-induced tumorigenesis of the mammary gland in transgenic mice. <b>1997</b> , 15, 1787-95	135
1589	v-Abl protein tyrosine kinase (PTK) mediated suppression of apoptosis is associated with the up-regulation of Bcl-XL. <b>1997</b> , 15, 2249-54	28
1588	Bcl-2 inhibits p53 nuclear import following DNA damage. <b>1997</b> , 15, 2767-72	77
1587	Up-regulation of the Nedd2 gene encoding an ICE/Ced-3-like cysteine protease in the gerbil brain after transient global ischemia. <b>1997</b> , 17, 507-14	57
1586	Attenuation of p53 expression and Bax down-regulation during phorbol ester mediated inhibition of apoptosis. <b>1997</b> , 121, 625-34	21
1585	Bcl-2 and Bax function independently to regulate cell death. <b>1997</b> , 16, 358-63	334
1584	Kaposi's sarcoma-associated herpesvirus encodes a functional bcl-2 homologue. <b>1997</b> , 3, 293-8	307
1583	Adenovirally transferred p16INK4/CDKN2 and p53 genes cooperate to induce apoptotic tumor cell death. <b>1997</b> , 3, 313-9	211
1582	Apoptosis-associated signaling pathways are required for chemotherapy-mediated female germ cell destruction. <b>1997</b> , 3, 1228-32	305
1581	Bax suppresses tumorigenesis and stimulates apoptosis in vivo. <b>1997</b> , 385, 637-40	561
1580	Suppression of signalling through transcription factor NF-AT by interactions between calcineurin and Bcl-2. <b>1997</b> , 386, 728-31	347
1579	Spatial association of apoptosis-related gene expression and cellular death in clinical neuroblastoma. <b>1997</b> , 75, 1185-94	38
1578	Apoptosis, cell proliferation and expression of Bcl-2 and Bax in gastric carcinomas: immunohistochemical and clinicopathological study. <b>1997</b> , 75, 367-73	72
1577	Bcl-2 expression and response to chemotherapy in colorectal adenocarcinomas. <b>1997</b> , 75, 427-31	44

1576	Nitric oxide and superoxide induced p53 and Bax accumulation during mesangial cell apoptosis. <b>1997</b> , 52, 378-86	78
1575	The role of the bcl-2/ced-9 gene family in cancer and general implications of defects in cell death control for tumorigenesis and resistance to chemotherapy. <b>1997</b> , 1333, F151-78	62
1574	Apoptosis, haemopoiesis and leukaemogenesis. <b>1997</b> , 10, 561-76	11
1573	Genetic control of cellular suicide. <b>1997</b> , 11, 377-84	10
1572	Investigating retinitis pigmentosa: a laboratory scientist's perspective. <b>1997</b> , 16, 353-373	21
1571	Antisense technology and prospects for therapy of viral infections and cancer. <b>1997</b> , 3, 31-8	82
1570	The BH3 domain of Bax is sufficient for interaction of Bax with itself and with other family members and it is required for induction of apoptosis. <b>1997</b> , 249, 85-91	44
1569	Subcellular localization of Bcl-2 protein in synovial sarcoma. <b>1997</b> , 47, 854-61	4
1568	Frequent occurrence of hepatocytic apoptosis in acute rejection of the grafted rat liver. <b>1997</b> , 47, 518-24	13
1567	The role of p53 tumor suppressor gene and bcl-2 protooncogene in rat corpus luteum death. <b>1997</b> , 177, 327-31; discussion 331-2	11
1566	Suramin disrupts insulin-like growth factor-II (IGF-II) mediated autocrine growth in human SH-SY5Y neuroblastoma cells. <b>1997</b> , 744, 199-206	18
1565	Bax expression in mammalian neurons undergoing apoptosis, and in Alzheimer's disease hippocampus. <b>1997</b> , 750, 223-34	130
1564	p53 and Bax activation in 6-hydroxydopamine-induced apoptosis in PC12 cells. <b>1997</b> , 751, 139-42	99
1563	The expression of MDM2 and other p53-regulated proteins in the tissues of the developing rat. <b>1997</b> , 1350, 306-16	8
1562	Bcl-2 expression and apoptosis in human trophoblast. <b>1997</b> , 18, 63-74	
1561	A sustained increase of cytosolic Ca <sup>2+</sup> in gammadelta T cells triggered by co-stimulation via TCR/CD3 and LFA-1. <b>1997</b> , 22, 421-30	7
1560	Overexpression of bax sensitizes breast cancer MCF-7 cells to cisplatin and etoposide. <b>1997</b> , 27, 676-9	34
1559	Overexpression of bax enhances the radiation sensitivity in human breast cancer cells. <b>1997</b> , 27, 90-3	25



1558	The anti-apoptosis function of Bcl-2 can be genetically separated from its inhibitory effect on cell cycle entry. <b>1997</b> , 16, 4628-38		255
1557	Inhibition of apoptosis by the actin-regulatory protein gelsolin. <b>1997</b> , 16, 4650-6		110
1556	Transformation of hematopoietic cells by BCR/ABL requires activation of a PI-3k/Akt-dependent pathway. <b>1997</b> , 16, 6151-61		446
1555	Cleavage of rabaptin-5 blocks endosome fusion during apoptosis. <b>1997</b> , 16, 6182-91		61
1554	Defective B cell receptor-mediated responses in mice lacking the Ets protein, Spi-B. <b>1997</b> , 16, 7118-29		131
1553	Identification of a novel regulatory domain in Bcl-X(L) and Bcl-2. <b>1997</b> , 16, 968-77		230
1552	harakiri, a novel regulator of cell death, encodes a protein that activates apoptosis and interacts selectively with survival-promoting proteins Bcl-2 and Bcl-X(L). <b>1997</b> , 16, 1686-94		293
1551	Serum withdrawal and etoposide induce apoptosis in human lung carcinoma cell line A549 via distinct pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 199-206	5-4	18
1550	lpr T cells have lower ability to maintain bcl-2 expression ex vivo. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 283-8	5-4	1
1549	Butyrate-induced reversal of dexamethasone resistance in autonomous rat Nb2 lymphoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 518-28	5-4	12
1548	Role of apoptosis and apoptosis-related proteins in the cisplatin-resistant phenotype of human tumor cell lines. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 540-8	5-4	41
1547	Regulation of apoptosis-associated proteins in cell death following transient focal ischemia in rat pups. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 368-76	5-4	19
1546	Adriamycin (ADM) induced apoptosis in transitional cell cancer (TCC) cell lines accompanied by p21 WAF1/CIP1 induction. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 207-13	5-4	9
1545	5-Fluorouracil (5-FU) induced apoptosis in gastric cancer cell lines: role of the p53 gene. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 221-6	5-4	35
1544	Activation of a CPP32-like protease during L1210 cell apoptosis induced by thiol deprivation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 77-83	5-4	3
1543	Programmed cell death (apoptosis) in cord blood lymphocytes. <b>1997</b> , 17, 63-73		33
1542	Differential expression of bcl-2 and bcl-x during chicken spermatogenesis. <b>1997</b> , 47, 26-9		13
1541	The apoptosis and proliferation of SAC-activated B cells by IL-10 are associated with changes in Bcl-2, Bcl-xL, and Mcl-1 expression. <b>1997</b> , 178, 33-41		37

1540	Apoptotic index in ovarian carcinoma: correlation with clinicopathologic factors and prognosis. <b>1997</b> , 66, 439-48	43
1539	Inhibition of apoptosis by the African swine fever virus Bcl-2 homologue: role of the BH1 domain. <b>1997</b> , 228, 400-4	78
1538	Repression of bax gene expression by the HTLV-1 Tax protein: implications for suppression of apoptosis in virally infected cells. <b>1997</b> , 231, 135-40	118
1537	Interferon-gamma protects against herpes simplex virus type 1-mediated neuronal death. <b>1997</b> , 238, 189-97	101
1536	Augmentation of anti-Fas antibody-mediated apoptosis on human glioma cells by liposomes associated with the antibody. <b>1997</b> , 35, 7-11	7
1535	Apoptosis: molecular mechanisms and implications for cancer chemotherapy. <b>1997</b> , 19, 119-25	71
1534	Apoptosis: a new pharmacodynamic endpoint. <b>1997</b> , 14, 1659-71	32
1533	Fushi-ka (defective apoptosis) and rheumatic autoimmune diseases: an overview on the regulation of Fas-mediated T cell apoptotic signal transduction. <b>1997</b> , 7, 211-234	
1532	The Bcl-2/Bax ratio of lymphocytes from human systemic lupus erythematosus patients. <b>1997</b> , 7, 305-313	2
1531	Bcl-x and the regulation of survival in the immune system. <b>1997</b> , 16, 149-60	22
1530	Predictive value of p53, Bcl2 and bax in the radiotherapy of head and neck cancer. <b>1997</b> , 3, 204-10	19
1529	The role of apoptosis in intestinal disease. <b>1997</b> , 32, 414-23	11
1528	Expression of Bcl-2 protein in the epiphyseal plate cartilage and trabecular bone of growing rats. <b>1997</b> , 108, 45-55	35
1527	Expression of the cyclin dependent kinase inhibitor p21WAF1/CIP1 in oesophageal squamous cell carcinomas. <b>1997</b> , 430, 389-95	24
1526	Bcl-2, Bax and Bcl-x expression following hypoxia-ischemia in the infant rat brain. <b>1997</b> , 94, 583-9	53
1525	Calphostin C synergistically induces apoptosis with VP-16 in lymphoma cells which express abundant phosphorylated Bcl-2 protein. <b>1997</b> , 53, 737-43	15
1524	Regulation and significance of apoptosis in the stem cells of the gastrointestinal epithelium. <b>1997</b> , 15, 82-93	244
1523	Immunohistochemical localization of Bcl-2 and Bax proteins in in situ and invasive duct breast carcinomas. <b>1997</b> , 430, 17-22	39

1522	Bcl-2 and Bax expression in thyroid tumours. An immunohistochemical and western blot analysis. <b>1997</b> , 430, 125-30	34
1521	Epstein-Barr virus and its possible role in the pathogenesis of B-cell lymphomas. <b>1997</b> , 25, 127-38	9
1520	Apoptosis in metastatic cancer cells. <b>1997</b> , 25, 175-86	24
1519	Human papillomavirus E6 and E7 oncoproteins alter cell cycle progression but not radiosensitivity of carcinoma cells treated with low-dose-rate radiation. <b>1997</b> , 37, 145-54	61
1518	Differential role for IL-2 and IL-15 in the inhibition of apoptosis in short-term activated human lymphocytes. <b>1997</b> , 45, 660-9	32
1517	Expression of bcl-2 antagonist bak in inflammatory and neoplastic skin diseases. <b>1997</b> , 137, 703-708	4
1516	Fludarabine ability to down-regulate Bcl-2 gene product in CD5+ leukaemic B cells: in vitro/in vivo correlations. <b>1997</b> , 99, 147-57	22
1515	Expression of Apo-1/Fas (CD95), Bcl-2, Bax and Bcl-x in myeloma cell lines: relationship between responsiveness to anti-Fas mab and p53 functional status. <b>1997</b> , 97, 418-28	36
1514	Alterations in Bcl-2/Bax protein levels in platelets form part of an ionomycin-induced process that resembles apoptosis. <b>1997</b> , 99, 824-31	108
1513	Physiological cell death in endocrine-dependent tissues: an ovarian perspective. <b>1997</b> , 46, 241-54	21
1512	The extent of apoptosis is inversely associated with bcl-2 expression in premalignant and malignant breast lesions. <b>1997</b> , 31, 347-54	43
1511	In vitro apoptosis and expression of apoptosis-related molecules in lymphocytes from patients with systemic lupus erythematosus and other autoimmune diseases. <b>1997</b> , 40, 306-17	155
1510	Marked age-dependent neuroprotection by brain-derived neurotrophic factor against neonatal hypoxic-ischemic brain injury. <b>1997</b> , 41, 521-9	164
1509	Overexpression of the death-promoting gene bax-alpha sensitizes human BL-41 Burkitt lymphoma cells for surface IgM-mediated apoptosis. <b>1997</b> , 27, 2466-8	9
1508	Tumour growth fraction and apoptosis in salivary gland acinic cell carcinomas. Prognostic implications of Ki-67 and bcl-2 expression and of in situ end labelling (TUNEL). <b>1997</b> , 181, 323-9	47
1507	Down-regulation of bcl-2 expression is closely related to squamous differentiation and progesterone therapy in endometrial carcinomas. <b>1997</b> , 182, 429-36	34
1506	Apoptotic program is initiated but not completed in LNCaP cells in response to growth in charcoal-stripped media. <b>1997</b> , 31, 145-52	21
1505	Development of a hammerhead ribozyme against bcl-2. I. Preliminary evaluation of a potential gene therapeutic agent for hormone-refractory human prostate cancer. <b>1997</b> , 32, 246-58	55

1504	Analysis of apoptosis in culture models and intact tissues. <b>1997</b> , 20, 79-82	2
1503	p53 tumor-suppressor gene: clues to molecular carcinogenesis. <b>1997</b> , 173, 247-55	60
1502	Increased inferior olivary neuron and cerebellar granule cell numbers in transgenic mice overexpressing the human Bcl-2 gene. <b>1997</b> , 32, 502-16	34
1501	Methamphetamine induces apoptosis in immortalized neural cells: protection by the proto-oncogene, bcl-2. <b>1997</b> , 25, 176-84	105
1500	Resistance to apoptosis induced by alkylating agents in v-Ha-ras-transformed cells due to defect in p53 function. <b>1997</b> , 18, 221-231	13
1499	Expression of bcl-2, bax, and bcl-XL proteins in azoxymethane-induced rat colonic adenocarcinomas. <b>1997</b> , 19, 25-30	21
1498	Suppression of nitric oxide-induced apoptosis by N-acetyl-l-cysteine through modulation of glutathione, bcl-2, and bax protein levels. <b>1997</b> , 19, 101-113	55
1497	Increased apoptosis during papilloma development in mice susceptible to tumor progression. <b>1997</b> , 20, 137-42	8
1496	Inhibition of cell death by lens-specific overexpression of bcl-2 in transgenic mice. <b>1997</b> , 20, 276-87	41
1495	Expression of a dominant negative I kappa B-alpha modulates hypersensitivity of ataxia telangiectasia fibroblasts to streptonigrin-induced apoptosis. <b>1997</b> , 5, 265-8	6
1494	Enhanced induction of apoptosis of human gastric carcinoma cells after preoperative treatment with 5-fluorouracil. <b>1997</b> , 79, 12-17	22
1493	bcl-2 over-expression delays radiation-induced apoptosis without affecting the clonogenic survival of human prostate cancer cells. <b>1997</b> , 70, 341-8	104
1492	The Bax alpha:Bcl-2 ratio modulates the response to dexamethasone in leukaemic cells and is highly variable in childhood acute leukaemia. <b>1997</b> , 71, 959-65	92
1491	bcl-2 and bak may play a pivotal role in sodium butyrate-induced apoptosis in colonic epithelial cells; however overexpression of bcl-2 does not protect against bak-mediated apoptosis. <b>1997</b> , 72, 898-905	77
1490	Expression of Bax, a pro-apoptotic member of the Bcl-2 family, in esophageal squamous cell carcinoma. <b>1997</b> , 73, 508-13	21
1489	Prevention of hybridoma cell death by bcl-2 during suboptimal culture conditions. <b>1997</b> , 54, 1-16	106
1488	Bax upregulation is an early event in cisplatin-induced apoptosis in human testicular germ-cell tumor cell line NT2, as quantitated by flow cytometry. <b>1997</b> , 27, 275-82	36
1487	Method to screen for relevant yeast two-hybrid-derived clones by coimmunoprecipitation and colocalization of epitope-tagged fragments--application to Bcl-xL. <b>1997</b> , 252, 33-9	15

1486	Establishment of a mutant from human monocytic leukaemia U937 that exhibits a genetically dominant resistance to TNF alpha-induced apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1998</b> , 3, 245-54	5-4	2
1485	Signal transduction and the regulation of apoptosis: roles of ceramide. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1998</b> , 3, 317-34	5-4	36
1484	Molecular Events and Mechanisms of Apoptosis. <b>1998</b> , 2, 9-19		24
1483	Mechanisms of Apoptosis Regulation: Relevance to Heart Disease. <b>1998</b> , 3, 15-26		1
1482	Reduced apoptosis and proliferation and increased Bcl-2 in residual breast cancer following preoperative chemotherapy. <b>1998</b> , 48, 107-16		95
1481	Inhibition of apoptotic signaling pathways in cancer cells as a mechanism of chemotherapy resistance. <b>1998</b> , 17, 233-9		27
1480	Biological effects of a relatively low concentration of 1-beta-D-arabinofuranosylcytosine in K562 cells: alterations of the cell cycle, erythroid-differentiation, and apoptosis. <b>1998</b> , 187, 211-20		4
1479	Biochemical and molecular mechanisms regulating apoptosis. <b>1998</b> , 178, 9-25		37
1478	Effect of bcl-2 expression on hybridoma cell growth in serum-supplemented, protein-free and diluted media. <b>1998</b> , 26, 219-25		33
1477	The role of apoptosis in neurodegenerative diseases. <b>1998</b> , 13, 79-96		19
1476	Prolactin-regulated apoptosis of Nb2 lymphoma cells: pim-1, bcl-2, and bax expression. <b>1998</b> , 9, 163-70		49
1475	Bax-mediated cell death by the Gax homeoprotein requires mitogen activation but is independent of cell cycle activity. <b>1998</b> , 17, 3576-86		42
1474	Enforced dimerization of BAX results in its translocation, mitochondrial dysfunction and apoptosis. <b>1998</b> , 17, 3878-85		957
1473	Bim: a novel member of the Bcl-2 family that promotes apoptosis. <b>1998</b> , 17, 384-95		893
1472	Activation of the dsRNA-dependent protein kinase, PKR, induces apoptosis through FADD-mediated death signaling. <b>1998</b> , 17, 6888-902		301
1471	A link between cell cycle and cell death: Bax and Bcl-2 modulate Cdk2 activation during thymocyte apoptosis. <b>1998</b> , 17, 7209-18		141
1470	The conserved N-terminal BH4 domain of Bcl-2 homologues is essential for inhibition of apoptosis and interaction with CED-4. <b>1998</b> , 17, 1029-39		177
1469	Alphaviruses induce apoptosis in Bcl-2-overexpressing cells: evidence for a caspase-mediated, proteolytic inactivation of Bcl-2. <b>1998</b> , 17, 1268-78		155

1468	Apoptosis inhibiting factor Bcl-xL might be the crucial member of the Bcl-2 gene family in colorectal cancer. <b>1998</b> , 43, 2641-8	53
1467	Expression and regulation of genes associated with cell death during murine preimplantation embryo development. <b>1998</b> , 51, 243-53	226
1466	Strength of signal through BCR determines the fate of cycling B cells by regulating the expression of the Bcl-2 family of survival proteins. <b>1998</b> , 186, 55-62	15
1465	Gender and androgen treatment influence the expression of proto-oncogenes and apoptotic factors in lacrimal and salivary tissues of MRL/lpr mice. <b>1998</b> , 86, 59-71	41
1464	Bcl-2 family expression in salivary glands from patients with primary Sjögren's syndrome: involvement of Bax in salivary gland destruction. <b>1998</b> , 88, 133-41	56
1463	Bcl-xL is expressed in ovarian carcinoma and modulates chemotherapy-induced apoptosis. <b>1998</b> , 70, 398-403	69
1462	p53-dependent cell cycle control: response to genotoxic stress. <b>1998</b> , 8, 325-36	166
1461	Regulation of p53 downstream genes. <b>1998</b> , 8, 345-57	675
1460	Increased ratio of bcl-2/bax expression is associated with bovine leukemia virus-induced leukemogenesis in cattle. <b>1998</b> , 242, 184-92	16
1459	The induction of apoptosis by SV40 T antigen correlates with c-jun overexpression. <b>1998</b> , 244, 521-9	26
1458	Bcl-2 prolongs cell survival after Bax-induced release of cytochrome c. <b>1998</b> , 391, 496-9	766
1457	The role of transferrin-receptor variation in the host range of Trypanosoma brucei. <b>1998</b> , 391, 499-502	135
1456	Human BCL-2 Expression Delays Ultraviolet-Induced Apoptosis in Marsupial Cells. <b>1998</b> , 68, 719-724	5
1455	Molecular regulation of cell-cycle progression and apoptosis in mammalian cells: implications for biotechnology. <b>1998</b> , 14, 807-33	81
1454	Expression of bcl-2 homologue mRNAs in rat liver allograft: rejection-induced cell apoptosis is associated with upregulation of bax and bcl-xs expression. <b>1998</b> , 11, S284-S288	2
1453	Circumvention of multidrug resistance in genitourinary tumors. <b>1998</b> , 5, 1-15	11
1452	Microsatellite instability and frameshift mutations in the Bax gene in hereditary nonpolyposis colorectal carcinoma. <b>1998</b> , 89, 1020-7	5
1451	EAT/mcl-1, a member of the bcl-2 related genes, confers resistance to apoptosis induced by cis-diammine dichloroplatinum (II) via a p53-independent pathway. <b>1998</b> , 89, 1326-33	11

1450	Potential of paclitaxel cytotoxicity by inostamycin in human small cell lung carcinoma, Ms-1 cells. <b>1998</b> , 89, 970-6	13
1449	Virus infection induces neuronal apoptosis: A comparison with trophic factor withdrawal. <b>1998</b> , 5, 50-9	39
1448	Analysis of apoptosis and expression of bcl-2 gene family members in the human and baboon ovary. <b>1998</b> , 5, 67-76	102
1447	Wild-type function of the p53 tumor suppressor protein is not required for apoptosis of mouse hepatoma cells. <b>1998</b> , 5, 87-95	17
1446	Phenotypic alterations of small cell lung carcinoma induced by different levels of wild-type p53 expression. <b>1998</b> , 5, 148-55	15
1445	The role of 2'-5' oligoadenylate-activated ribonuclease L in apoptosis. <b>1998</b> , 5, 313-20	157
1444	Bcl-2 family proteins as ion-channels. <b>1998</b> , 5, 372-80	283
1443	A cytosolic factor is required for mitochondrial cytochrome c efflux during apoptosis. <b>1998</b> , 5, 469-79	24
1442	Bax-alpha promotes apoptosis induced by cancer chemotherapy and accelerates the activation of caspase 3-like cysteine proteases in p53 double mutant B lymphoma Namalwa cells. <b>1998</b> , 5, 506-16	26
1441	Trophic support promotes survival of bcl-x-deficient telencephalic cells in vitro. <b>1998</b> , 5, 901-10	33
1440	Bcl-2 family members in the development and degenerative pathologies of the nervous system. <b>1998</b> , 5, 805-15	77
1439	Growth factors prevent changes in Bcl-2 and Bax expression and neuronal apoptosis induced by nitric oxide. <b>1998</b> , 5, 911-9	106
1438	Cell death and cancer: replacement of apoptotic genes and inactivation of death suppressor genes in therapy. <b>1998</b> , 5, 728-39	59
1437	In vitro chemosensitivity of chronic lymphocytic leukaemia to purine analogues--correlation with clinical course. <b>1998</b> , 12, 1230-5	29
1436	Mechanisms of cellular anthracycline resistance in childhood acute leukemia. <b>1998</b> , 12, 1657-70	23
1435	MycN and IFNgamma cooperate in apoptosis of human neuroblastoma cells. <b>1998</b> , 17, 339-46	86
1434	Bcl-2-independent Bcr-Abl-mediated resistance to apoptosis: protection is correlated with up regulation of Bcl-xL. <b>1998</b> , 16, 1383-90	193
1433	Herbimycin A accelerates the induction of apoptosis following etoposide treatment or gamma-irradiation of bcr/abl-positive leukaemia cells. <b>1998</b> , 16, 1533-42	27

1432	Overexpression of Bax gene sensitizes K562 erythroleukemia cells to apoptosis induced by selective chemotherapeutic agents. <b>1998</b> , 16, 1587-91	66
1431	A transforming p53 mutant, which binds DNA, transactivates and induces apoptosis reveals a nuclear:cytoplasmic shuttling defect. <b>1998</b> , 16, 1429-41	21
1430	BAX frameshift mutations in cell lines derived from human haemopoietic malignancies are associated with resistance to apoptosis and microsatellite instability. <b>1998</b> , 16, 1803-12	142
1429	Potential role for cathepsin D in p53-dependent tumor suppression and chemosensitivity. <b>1998</b> , 16, 2177-83	189
1428	Mutations at coding mononucleotide repeats in gastric cancer with the microsatellite mutator phenotype. <b>1998</b> , 16, 2767-72	37
1427	Functional dissection of Bfl-1, a Bcl-2 homolog: anti-apoptosis, oncogene-cooperation and cell proliferation activities. <b>1998</b> , 16, 3105-14	62
1426	Persistent DNA damage induced by ultraviolet light inhibits p21waf1 and bax expression: implications for DNA repair, UV sensitivity and the induction of apoptosis. <b>1998</b> , 17, 545-55	83
1425	Nuclear targeting of Bax during apoptosis in human colorectal cancer cells. <b>1998</b> , 17, 999-1007	113
1424	Inhibition of p53-dependent apoptosis by the KIT tyrosine kinase: regulation of mitochondrial permeability transition and reactive oxygen species generation. <b>1998</b> , 17, 1653-62	43
1423	BAD partly reverses paclitaxel resistance in human ovarian cancer cells. <b>1998</b> , 17, 2419-27	27
1422	Interaction of E1B 19K with Bax is required to block Bax-induced loss of mitochondrial membrane potential and apoptosis. <b>1998</b> , 17, 2993-3005	48
1421	Roles for p53 in growth arrest and apoptosis: putting on the brakes after genotoxic stress. <b>1998</b> , 17, 3287-99	352
1420	Mechanisms and control of programmed cell death in invertebrates. <b>1998</b> , 17, 3215-23	100
1419	Bcl-2 family proteins. <b>1998</b> , 17, 3225-36	878
1418	Bcl-x(l) Bax interaction after transient global ischemia. <b>1998</b> , 18, 882-6	45
1417	Bcl-2 and Bax interactions in mitochondria probed with green fluorescent protein and fluorescence resonance energy transfer. <b>1998</b> , 16, 547-52	280
1416	Bcl-2 protein expression: association with p53 and prognosis in colorectal cancer. <b>1998</b> , 77, 1864-9	51
1415	Bax expression has prognostic significance that is enhanced when combined with AgNOR counts in glottic carcinomas. <b>1998</b> , 78, 100-5	23



1414	Mitochondrial DNA mutations and age. <b>1998</b> , 854, 128-54	30
1413	Immunohistochemical and mutational analysis of the p53 tumour suppressor gene and the bcl-2 oncogene in primary testicular germ cell tumours. <b>1998</b> , 106, 90-9; discussion 99-100	41
1412	Regulation of germ cell death in mammalian gonads. <b>1998</b> , 106, 142-7; discussion 147-8	38
1411	Effect of bryostatin 1 on taxol-induced apoptosis and cytotoxicity in human leukemia cells (U937). <b>1998</b> , 56, 635-44	62
1410	Alteration of proteins regulating apoptosis, Bcl-2, Bcl-x, Bax, Bak, Bad, ICH-1 and CPP32, in Alzheimer's disease. <b>1998</b> , 780, 260-9	216
1409	Hypoxia/reoxygenation induces apoptosis through biphasic induction of protein synthesis in cultured rat brain neurons. <b>1998</b> , 787, 107-16	63
1408	Changes in c-Jun but not Bcl-2 family proteins in p53-dependent apoptosis of mouse cerebellar granule neurons induced by DNA damaging agent bleomycin. <b>1998</b> , 794, 239-47	39
1407	Bcl-2 accelerates the neuronal differentiation: new evidence approaching to the biofunction of bcl-2 in the neuronal system. <b>1998</b> , 801, 59-66	36
1406	Expression and function of Fas and Fas ligand on peripheral blood lymphocytes in normal subjects. <b>1998</b> , 132, 404-13	7
1405	Pharmacological intervention in age-associated brain disorders by Flupirtine: Alzheimer's and prion diseases. <b>1998</b> , 101, 1-19	23
1404	p53, Bax and Bcl-2 expression, and apoptosis in gestational trophoblast of complete hydatidiform mole. <b>1998</b> , 19, 361-9	69
1403	BCL-2 expression does not not correlate with patient outcome in pediatric acute myelogenous leukemia. <b>1998</b> , 22, 81-7	9
1402	Bcl-2 expression by myeloid precursors in myelodysplastic syndromes: relation to disease progression. <b>1998</b> , 22, 767-77	53
1401	Further characterization of cyclophosphamide resistance: expression of CD95 and of bcl-2 in a CML cell line. <b>1998</b> , 22, 1073-7	6
1400	Apoptosis and its role in the myelodysplastic syndromes: implications for disease natural history and treatment. <b>1998</b> , 22, 1123-36	102
1399	Up-regulated expression of murine Mcl1/EAT, a bcl-2 related gene, in the early stage of differentiation of murine embryonal carcinoma cells and embryonic stem cells. <b>1998</b> , 1398, 335-41	19
1398	Correlation between Bcl-X expression and B-cell hybridoma apoptosis induced by activin A. <b>1998</b> , 10, 517-21	11
1397	p53- and p21-independent apoptosis of squamous cell carcinoma cells induced by 5-fluorouracil and radiation. <b>1998</b> , 34, 529-37	34

1396	Apoptosis signaling by death receptors. <b>1998</b> , 254, 439-59	745
1395	Okadaic acid-induced lens epithelial cell apoptosis requires inhibition of phosphatase-1 and is associated with induction of gene expression including p53 and bax. <b>1998</b> , 257, 351-61	37
1394	Under respiratory growth conditions, Bcl-x(L) and Bcl-2 are unable to overcome yeast cell death triggered by a mutant Bax protein lacking the membrane anchor. <b>1998</b> , 258, 19-28	13
1393	Cyclophilin-D binds strongly to complexes of the voltage-dependent anion channel and the adenine nucleotide translocase to form the permeability transition pore. <b>1998</b> , 258, 729-35	367
1392	Cell death: shadow boxing. <b>1998</b> , 8, R528-31	8
1391	Bcl-2-family proteins: the role of the BH3 domain in apoptosis. <b>1998</b> , 8, 324-30	524
1390	Cupric nitritriacetate induces oxidative DNA damage and apoptosis in human leukemia HL-60 cells. <b>1998</b> , 25, 568-75	65
1389	Transformation-dependent susceptibility of rat hepatic stellate cells to apoptosis induced by soluble Fas ligand. <b>1998</b> , 28, 492-502	100
1388	Osteoarthritis chondrocytes die by apoptosis. A possible pathway for osteoarthritis pathology. <b>1998</b> , 41, 284-9	523
1387	bcl-2 and apoptosis in lymph node positive breast carcinoma. <b>1998</b> , 82, 1296-1302	99
1386	Bax protein expression correlates with radiation-induced apoptosis in radiation therapy for cervical carcinoma. <b>1998</b> , 83, 103-110	41
1385	Tumor proliferation, p53 expression, and apoptosis in laryngeal carcinoma. <b>1998</b> , 83, 2493-2501	32
1384	Apoptosis and Bcl-2 oncoprotein expression in the human fetal central nervous system. <b>1998</b> , 252, 165-75	53
1383	Apoptosis in Burkitt lymphoma cells is prevented by promotion of cysteine uptake. <b>1998</b> , 75, 620-5	19
1382	Retroviral BAX gene transfer fails to sensitize malignant glioma cells to CD95L-induced apoptosis and cancer chemotherapy. <b>1998</b> , 77, 645-8	10
1381	Growth factor and Bcl-2 mediated survival during abortive proliferation of hybridoma cell line. <b>1998</b> , 57, 164-171	41
1380	Cell cycle effects and induction of apoptosis caused by infection of HL-60 cells with human granulocytic ehrlichiosis pathogen measured by flow and laser scanning cytometry. <b>1998</b> , 33, 47-55	29
1379	Physiological and induced neuronal death are not affected in NSE-bax transgenic mice. <b>1998</b> , 52, 247-59	20

1378	Increased expression of cyclin G1 and p21WAF1/CIP1 in neurons following transient forebrain ischemia: comparison with early DNA damage. <b>1998</b> , 53, 279-96	48
1377	Differential modulation of cell death proteins in human brain cells by tumor necrosis factor alpha and platelet activating factor. <b>1998</b> , 54, 530-8	40
1376	Involvement of Fas/Fas ligand system-mediated apoptosis in the development of concanavalin A-induced hepatitis. <b>1998</b> , 28, 4105-13	88
1375	Tumor-suppressor p53 is expressed in proliferating and newly formed neurons of the embryonic and postnatal rat brain: comparison with expression of the cell cycle regulators p21Waf1/Cip1, p27Kip1, p57Kip2, p16Ink4a, cyclin G1, and the proto-oncogene Bax. <b>1998</b> , 397, 181-98	101
1374	Infrequent bax gene mutations in B-cell lymphomas. <b>1998</b> , 186, 378-82	20
1373	Apoptosis and related genes in the rat ventral prostate following androgen ablation in response to ethane dimethanesulfonate. <b>1998</b> , 36, 23-30	18
1372	Genetic regulation of preimplantation mouse embryo survival. <b>1998</b> , 282, 272-279	49
1371	Apoptosis during bone-like tissue development in vitro. <b>1998</b> , 68, 31-49	136
1370	Genetically recessive mutant of human monocytic leukemia U937 resistant to tumor necrosis factor-alpha-induced apoptosis. <b>1998</b> , 174, 179-85	6
1369	Comparison of bax, waf1, and IMP dehydrogenase regulation in response to wild-type p53 expression under normal growth conditions. <b>1998</b> , 177, 364-76	17
1368	Enhanced expression of anti-apoptotic proteins in human papillomavirus-immortalized and cigarette smoke condensate-transformed human endocervical cells: Correlation with resistance to apoptosis induced by DNA damage. <b>1998</b> , 22, 95-101	16
1367	Apoptosis in liver transplantation: a mechanism contributing to immune modulation, preservation injury, neoplasia, and viral disease. <b>1998</b> , 4, 42-50	21
1366	The induction of apoptosis in ovaries and uteri of bcl-2-deficient mice. <b>1998</b> , 31, 68-76	8
1365	Contribution of myocyte apoptosis to myocardial infarction?. <b>1998</b> , 93, 71-84	65
1364	Bcl-2 and Bax protein expression in Alzheimer's disease. <b>1998</b> , 95, 407-12	60
1363	Cell-type- and tumour-type-related patterns of bcl-2 reactivity in mesenchymal cells and soft tissue tumours. <b>1998</b> , 433, 255-60	44
1362	Doxorubicin and gamma rays increase the level of DNA topoisomerase IIalpha in nuclei of normal and xeroderma pigmentosum fibroblasts. <b>1998</b> , 124, 355-66	8
1361	Bax and Bcl-2 expressions predict response to radiotherapy in human cervical cancer. <b>1998</b> , 124, 503-10	68

1360 Editorial. **1998**, 1, 1-1

- 1359 Cystic neuroblastoma: emphasis on gene expression, morphology, and pathogenesis. **1998**, 1, 17-28 27
- 1358 [Significance of apoptotic processes in radiotherapy. I]. **1998**, 174, 156-66 2
- 1357 Complete sequence of p53 gene in 20 patients with lung cancer: comparison with chemosensitivity and immunohistochemistry. **1998**, 15, 255-61 17
- 1356 The protein expression of Bcl-2, Bax, Fas/Apo-1 in acute myeloid leukemia. **1998**, 18, 42-5 3
- 1355 Detection of DNA Fragmentation in Human Breast Cancer Tissue by an Antibody Specific to Single-stranded DNA. **1998**, 5, 47-52 8
- 1354 Bcl-2 blocks apoptotic signal of transforming growth factor-beta in human hepatoma cells. **1998**, 5, 185-91 8
- 1353 Bcl-2 mRNA-targeted ribozymes: effects on programmed cell death in chronic myelogenous leukemia cell lines. **1998**, 76, 117-25 8
- 1352 Bcl-2, Bax, and Bcl-x expression in the CA1 area of the hippocampus following transient forebrain ischemia in the adult gerbil. **1998**, 121, 167-73 39
- 1351 Mechanisms controlling cellular suicide: role of Bcl-2 and caspases. **1998**, 54, 427-45 154
- 1350 Expression of bcl-2 homologue mRNAs in rat liver allograft: rejection-induced cell apoptosis is associated with upregulation of bax and bcl-xs expression. **1998**, 11 Suppl 1, S284-8 1
- 1349 Enterocyte apoptosis is increased following small bowel resection. **1998**, 2, 44-9 79
- 1348 Apoptosis in cell culture. **1998**, 9, 152-6 125
- 1347 Targeting cancer cell death with a bcl-XS adenovirus. **1998**, 19, 279-88 10
- 1346 Immunohistochemical analysis of Ki-67 antigen and Bcl-2 protein expression in prostate cancer: effect of neoadjuvant hormonal therapy. **1998**, 81, 116-21 28
- 1345 Apoptosis of myofibres and satellite cells: exercise-induced damage in skeletal muscle of the mouse. **1998**, 24, 518-31 79
- 1344 Differential oncogene and TNF-alpha mRNA expression in bone marrow cells from systemic lupus erythematosus patients. **1998**, 48, 551-6 19
- 1343 Deciphering the apoptotic pathway: all roads lead to death. **1998**, 76, 1-19 80

1342	Role of Bcl-2 family proteins in apoptosis: apoptosomes or mitochondria?. <b>1998</b> , 3, 697-707	454
1341	Apoptosis is inversely related to bcl-2 but not to bax expression in salivary gland tumours. <b>1998</b> , 32, 28-34	36
1340	p53-Dependent DNA repair and apoptosis respond differently to high- and low-dose ultraviolet radiation. <b>1998</b> , 139, 3-10	45
1339	Ineffective haemopoiesis and apoptosis in myelodysplastic syndromes. <b>1998</b> , 101, 220-30	76
1338	Apoptosis of colorectal adenocarcinoma (COLO 201) by tumour necrosis factor-alpha (TNF-alpha) and/or interferon-gamma (IFN-gamma), resulting from down-modulation of Bcl-2 expression. <b>1998</b> , 111, 211-8	59
1337	Modulation by proinflammatory cytokines of Fas/Fas ligand-mediated apoptotic cell death of synovial cells in patients with rheumatoid arthritis (RA). <b>1998</b> , 114, 119-28	39
1336	Apoptosis, proliferation, bax, bcl-2 and p53 status prior to and after preoperative radiochemotherapy for locally advanced rectal cancer. <b>1998</b> , 41, 585-91	62
1335	Genomic structure and domain organisation of the human Bak gene. <b>1998</b> , 211, 87-94	22
1334	Molecular cloning of a cDNA encoding a silkworm protein that contains the conserved BH regions of Bcl-2 family proteins. <b>1998</b> , 212, 287-93	9
1333	Variable Bcl-2 phenotype in benign and malignant lesions of urothelium. <b>1998</b> , 128, 87-92	16
1332	The role of neuronal growth factors in neurodegenerative disorders of the human brain. <b>1998</b> , 27, 1-39	428
1331	The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis. <b>1998</b> , 82, 47-55	61
1330	Platelet-derived growth factor induces apoptosis in vascular smooth muscle cells: roles of the Bcl-2 family. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1998</b> , 1403, 245-53	4.9 30
1329	Apoptosis of hippocampal neurons after amygdala kindled seizures. <b>1998</b> , 55, 198-208	73
1328	Roles of Bcl-2 and caspases in hypoxia-induced neuronal cell death: a possible neuroprotective mechanism of peptide growth factors. <b>1998</b> , 58, 27-39	82
1327	Transforming growth factor-beta inhibits apoptosis induced by beta-amyloid peptide fragment 25-35 in cultured neuronal cells. <b>1998</b> , 62, 122-30	42
1326	Nitric oxide donor-induced p53-sensitive cell death is enhanced by Bcl-2 reduction in human neuroblastoma cells. <b>1998</b> , 32, 93-102	29
1325	Postnatal changes in Bax-immunoreactivity and apoptosis of the rat trigeminal primary neurons. <b>1998</b> , 258, 97-100	7

1324	Alterations of Bcl-2 family proteins precede cytoskeletal proteolysis in the penumbra, but not in infarct centres following focal cerebral ischemia in mice. <b>1998</b> , 83, 439-48		71
1323	Cell cycle-related gene expression in the adult rat brain: selective induction of cyclin G1 and p21WAF1/CIP1 in neurons following focal cerebral ischemia. <b>1998</b> , 84, 1097-112		53
1322	Expression of bcl-2, bcl-x, bax and bak in renal parenchyma, oncocyomas and renal cell carcinomas. <i>Pathology Research and Practice</i> , <b>1998</b> , 194, 837-45	3-4	10
1321	Analysis of BAX expression in human tissues using the anti-BAX, 4F11 monoclonal antibody on paraffin sections. <i>Pathology Research and Practice</i> , <b>1998</b> , 194, 457-64	3-4	24
1320	Bax. The pro-apoptotic Bcl-2 family member, Bax. <b>1998</b> , 30, 647-50		128
1319	Bone formation via cartilage models: the "borderline" chondrocyte. <b>1998</b> , 17, 185-92		145
1318	The Bcl-2 family and cell death regulation. <b>1998</b> , 8, 68-75		116
1317	bcl-2 expression is reciprocal to p53 and c-myc expression in metastatic human colorectal cancer. <b>1998</b> , 34, 1268-73		13
1316	Cellular and molecular determinants of cisplatin resistance. <b>1998</b> , 34, 1535-42		310
1315	Apoptotic neuronal death following cerebral ischaemia. <b>1998</b> , 5, 125-45		9
1314	Apoptosis-associated proteins in oral lymphomas from HIV-positive patients. <b>1998</b> , 86, 196-202		9
1313	Evidence of a novel event during neuronal death: development of competence-to-die in response to cytoplasmic cytochrome c. <b>1998</b> , 21, 695-705		259
1312	Neuronal cell death. <b>1998</b> , 20, 633-47		504
1311	The 2-5A system in viral infection and apoptosis. <b>1998</b> , 52, 386-90		82
1310	Overexpression of a Hu-bcl-2 transgene in Lurcher mutant mice delays Purkinje cell death. <b>1998</b> , 321, 633-40		15
1309	Altered expression of the p53-regulated proteins, p21Waf1/Cip1, MDM2, and Bax in ultraviolet-irradiated human skin. <b>1998</b> , 29, 559-64		17
1308	Cellular proliferation, estrogen receptor, progesterone receptor, and bcl-2 expression in GnRH agonist-treated uterine leiomyomas. <b>1998</b> , 29, 359-63		51
1307	Prognostic significance of MIB-1, p53, and bcl-2 immunoreactivity in meningiomas. <b>1998</b> , 29, 140-5		107

1306	Expression of Bfl-1 in normal and tumor tissues: Bfl-1 overexpression in cancer is attributable to its preferential expression in infiltrating inflammatory cells. <b>1998</b> , 29, 723-8	14
1305	Bcl-2 and bax protein expression in indolent versus aggressive B-cell non-Hodgkin's lymphomas. <b>1998</b> , 29, 820-5	21
1304	Bid, a Bcl2 interacting protein, mediates cytochrome c release from mitochondria in response to activation of cell surface death receptors. <i>Cell</i> , <b>1998</b> , 94, 481-90	56.2 3061
1303	Bcl-2 family proteins and mitochondria. <b>1998</b> , 1366, 127-37	280
1302	Role of mitochondria in oxidative stress and ageing. <b>1998</b> , 1366, 53-67	462
1301	Mitochondria, glutamate neurotoxicity and the death cascade. <b>1998</b> , 1366, 113-26	40
1300	Bcl-2 and Bax are involved in the sympathetic protection of brown adipocytes from obesity-linked apoptosis. <b>1998</b> , 431, 80-4	22
1299	Proapoptotic gene BAX is frequently mutated in hereditary nonpolyposis colorectal cancers but not in adenomas. <b>1998</b> , 114, 268-74	77
1298	The Bcl-2 protein family: arbiters of cell survival. <b>1998</b> , 281, 1322-6	4058
1297	Proteolytic activities that mediate apoptosis. <b>1998</b> , 60, 533-73	239
1296	Participation of Bax-alpha in IFN-alpha-mediated apoptosis in Daudi B lymphoma cells. <b>1998</b> , 18, 855-61	28
1295	Origin of multiple mutations in human cancers. <b>1998</b> , 30, 285-304	7
1294	Aqueous humor-borne factor upregulates Bcl-2 expression in corneal endothelial cells. <b>1998</b> , 17, 970-8	6
1293	Recent progress on the regulation of apoptosis by Bcl-2 family members. <b>1998</b> , 70, 245-79	48
1292	Biochemical properties of human oral polymorphonuclear leukocytes. <b>1998</b> , 28, 485-95	23
1291	Apoptosis: a novel therapeutic tool?. <b>1998</b> , 7, 889-904	4
1290	Apoptosis: basic mechanisms and implications for cardiovascular disease. <b>1998</b> , 82, 1111-29	681
1289	Dimerization as a regulatory mechanism in signal transduction. <b>1998</b> , 16, 569-92	279

1288	Monitoring and Signaling of Radiation-Induced Damage in Mammalian Cells. <b>1998</b> , 150, S92	71
1287	Purification and biochemical properties of soluble recombinant human Bax. <b>1998</b> , 13, 120-6	24
1286	Control of Apoptosis by Human Adenovirus Genes. <b>1998</b> , 8, 399-408	40
1285	Pore formation domain of human pro-apoptotic Bax induces mammalian apoptosis as well as bacterial death without antagonizing anti-apoptotic factors. <b>1998</b> , 243, 609-16	24
1284	Zinc suppresses apoptosis of U937 cells induced by hydrogen peroxide through an increase of the Bcl-2/Bax ratio. <b>1998</b> , 246, 364-9	117
1283	Identification of a human cDNA encoding a novel Bcl-x isoform. <b>1998</b> , 248, 147-52	28
1282	Redistribution of Bax from cytosol to membranes is induced by apoptotic stimuli and is an early step in the apoptotic pathway. <b>1998</b> , 251, 454-9	39
1281	Differential expression of rat brain bcl-2 family proteins in development and aging. <b>1998</b> , 252, 92-6	53
1280	Serum deprivation and protein synthesis inhibition induce two different apoptotic processes in N18 neuroblastoma cells. <b>1998</b> , 238, 422-9	26
1279	Mechanism of UV-induced apoptosis in human leukemia cells: roles of Ca <sup>2+</sup> /Mg <sup>2+</sup> -dependent endonuclease, caspase-3, and stress-activated protein kinases. <b>1998</b> , 239, 411-22	60
1278	Bcl-xL modulates apoptosis induced by anticancer drugs and delays DEVDase and DNA fragmentation-promoting activities. <b>1998</b> , 240, 107-21	44
1277	Nuclear translocation and increased expression of Bax and disturbance in cell cycle progression without prominent apoptosis induced by hyperthermia. <b>1998</b> , 244, 357-66	40
1276	Placement of the BCL2 family member BAX in the death pathway of sympathetic neurons activated by trophic factor deprivation. <b>1998</b> , 152, 150-62	65
1275	Overexpression of HA-Bax but not Bcl-2 or Bcl-XL attenuates 6-hydroxydopamine-induced neuronal apoptosis. <b>1998</b> , 154, 193-8	28
1274	The EGFEFGF-receptor axis modulates enterocyte apoptosis during intestinal adaptation. <b>1998</b> , 77, 17-22	61
1273	Genetic alterations in hormone-refractory recurrent prostate carcinomas. <b>1998</b> , 153, 141-8	259
1272	Accelerated loss of islet beta cells in sucrose-fed Goto-Kakizaki rats, a genetic model of non-insulin-dependent diabetes mellitus. <b>1998</b> , 153, 537-45	97
1271	Histopathological evaluation of apoptosis in cancer. <b>1998</b> , 153, 1041-53	172



- 1270 T cell apoptosis in human heart allografts: association with lack of co-stimulation?. **1998**, 153, 1813-24 23
- 1269 BCL-2 family: regulators of cell death. **1998**, 16, 395-419 1427
- 1268 P53, bcl-2, and Bax expression in renal cell carcinoma. **1998**, 51, 1057-61 56
- 1267 Role of protein tyrosine phosphorylation in etoposide-induced apoptosis and NF-kappa B activation. **1998**, 55, 185-91 27
- 1266 Elevated expression of the proapoptotic BCL-2 family member, BAK, in the human endometrium coincident with apoptosis during the secretory phase of the cycle. **1998**, 70, 338-43 27
- 1265 Predictive value of bcl-2 immunoreactivity in prostate cancer patients treated with radiotherapy. **1998**, 49, 143-8 24
- 1264 Immune regulation within the central nervous system. **1998**, 157, 1-12 110
- 1263 Apoptosis. **1998**, 559-588
- 1262 Evidence of apoptosis in human carotid atheroma. **1998**, 27, 733-9 13
- 1261 The Bcl-2 gene family and apoptosis. **1998**, 62, 75-105 18
- 1260 Decreased levels of p26-Bcl-2, but not p30 phosphorylated Bcl-2, precede TGFbeta1-induced apoptosis in colorectal adenoma cells. **1998**, 19, 1691-5 18
- 1259 Overexpression of Bax protein and enhanced apoptosis in the left ventricle of spontaneously hypertensive rats: effects of AT1 blockade with losartan. **1998**, 32, 280-6 111
- 1258 BOD (Bcl-2-related ovarian death gene) is an ovarian BH3 domain-containing proapoptotic Bcl-2 protein capable of dimerization with diverse antiapoptotic Bcl-2 members. **1998**, 12, 1432-40 110
- 1257 Bcl-2 Blocks Apoptotic Signal of Transforming Growth Factor-&beta; in Human Hepatoma Cells. **1998**, 5, 185-191 28
- 1256 Molecular Mechanisms of Neuronal Survival and Apoptosis. **1998**, 257-306 11
- 1255 Identification of a novel p53 functional domain that is necessary for mediating apoptosis. **1998**, 273, 13030-6 130
- 1254 Apoptosis in the mammary gland and breast cancer. **1998**, 5, 199-211 18
- 1253 bax, but not bcl-2, influences the prognosis of human pancreatic cancer. **1998**, 43, 414-21 116

1252	Regulated targeting of BAX to mitochondria. <b>1998</b> , 143, 207-15	554
1251	Inosine-5'-monophosphate dehydrogenase is a rate-determining factor for p53-dependent growth regulation. <b>1998</b> , 9, 15-28	54
1250	Chapter 1 Apoptosis as a gene-directed program of cell death. <b>1998</b> , 13, 1-55	0
1249	Apoptosis and expression of apoptotic regulators in the human testis following short- and long-term anti-androgen treatment. <b>1998</b> , 4, 701-7	24
1248	Regulation of cardiomyocyte apoptotic signaling by insulin-like growth factor I. <b>1998</b> , 83, 516-22	244
1247	Production of the proto-oncogene BAX does not vary with changing in luteal function in women. <b>1998</b> , 4, 27-32	16
1246	A functional role for mitochondrial protein kinase Calpha in Bcl2 phosphorylation and suppression of apoptosis. <b>1998</b> , 273, 25436-42	373
1245	Apoptosis and related proteins in different stages of human atherosclerotic plaques. <b>1998</b> , 97, 2307-15	353
1244	Regulation of apoptosis by alpha-subunits of G12 and G13 proteins via apoptosis signal-regulating kinase-1. <b>1998</b> , 273, 27816-23	60
1243	Inhibition of Akt kinase by cell-permeable ceramide and its implications for ceramide-induced apoptosis. <b>1998</b> , 273, 16568-75	280
1242	Caenorhabditis elegans EGL-1 disrupts the interaction of CED-9 with CED-4 and promotes CED-3 activation. <b>1998</b> , 273, 33495-500	80
1241	Molecular mechanisms of c-Jun N-terminal kinase-mediated apoptosis induced by anticarcinogenic isothiocyanates. <b>1998</b> , 273, 1769-75	172
1240	Leydig cell apoptosis in the rat testes after administration of the cytotoxin ethane dimethanesulphonate: role of the Bcl-2 family members. <b>1998</b> , 157, 317-26	34
1239	Altered bcl-2 and bax expression and intracellular Ca <sup>2+</sup> signaling in apoptosis of pancreatic cells and the impairment of glucose-induced insulin secretion. <b>1998</b> , 139, 1429-39	46
1238	Regulation of apoptosis-associated genes in the regenerating liver. <b>1998</b> , 18, 123-40	31
1237	Role of apoptosis of thyrocytes in a rat model of goiter. A possible involvement of Fas system. <b>1998</b> , 139, 3646-53	45
1236	Transfection of C6 glioma cells with the bax gene and increased sensitivity to treatment with cytosine arabinoside. <b>1998</b> , 88, 99-105	13
1235	Induction of apoptosis in a macrophage cell line RAW 264.7 by acemannan, a beta-(1,4)-acetylated mannan. <b>1998</b> , 53, 415-21	27

1234	Human eosinophils express bcl-2 family proteins: modulation of Mcl-1 expression by IFN-gamma. <b>1998</b> , 18, 315-22	50
1233	Diva, a Bcl-2 homologue that binds directly to Apaf-1 and induces BH3-independent cell death. <b>1998</b> , 273, 32479-86	132
1232	Thyroid hormone receptor is a negative regulator in p53-mediated signaling pathways. <b>1998</b> , 17, 743-50	28
1231	Caspase-9, Bcl-XL, and Apaf-1 form a ternary complex. <b>1998</b> , 273, 5841-5	403
1230	Survival factors and apoptosis. <b>1998</b> , 62, 137-66	12
1229	The overexpression of Bax produces cell death upon induction of the mitochondrial permeability transition. <b>1998</b> , 273, 7770-5	449
1228	Antisense inhibition of Bax mRNA increases survival of terminally differentiated HL60 cells. <b>1998</b> , 8, 341-50	9
1227	Bax in murine thymus is a soluble monomeric protein that displays differential detergent-induced conformations. <b>1998</b> , 273, 10777-83	420
1226	Production and characterization of monoclonal antibodies against human BAD protein. <b>1998</b> , 17, 383-7	3
1225	Termination of lactation induces apoptosis and alters the expression of the Bcl-2 family members in the rat anterior pituitary. <b>1998</b> , 139, 2465-71	34
1224	Bcl-2 activates the transcription factor NFkappaB through the degradation of the cytoplasmic inhibitor I kappa B alpha. <b>1998</b> , 273, 23946-51	119
1223	Regulation of Bcl-xl channel activity by calcium. <b>1998</b> , 273, 17307-10	40
1222	Insulin-like growth factor I modulates induction of apoptotic signaling in H9C2 cardiac muscle cells. <b>1998</b> , 139, 1354-60	102
1221	BAD enables ceramide to signal apoptosis via Ras and Raf-1. <b>1998</b> , 273, 30419-26	144
1220	A potent cell death activity associated with transient high level expression of BCL-2. <b>1998</b> , 273, 17926-32	50
1219	Accelerated apoptosis of lymphocytes by augmented induction of Bax in SSI-1 (STAT-induced STAT inhibitor-1) deficient mice. <b>1998</b> , 95, 15577-82	253
1218	A trace amount of the human pro-apoptotic factor Bax induces bacterial death accompanied by damage of DNA. <b>1998</b> , 273, 11384-91	36
1217	Apoptosis regulator bcl-w is essential for spermatogenesis but appears otherwise redundant. <b>1998</b> , 95, 12424-31	264

1216	Mitotic phosphorylation of Bcl-2 during normal cell cycle progression and Taxol-induced growth arrest. <b>1998</b> , 273, 30777-84	177
1215	Selective regulation of Bcl-XL by a Jak kinase-dependent pathway is bypassed in murine hematopoietic malignancies. <b>1998</b> , 12, 2475-87	85
1214	Bcl-2 and drugs used in the treatment of cancer: new strategies of biotherapy which should not be underestimated. <b>1998</b> , 13, 225-37	15
1213	Monocyte anergy in septic shock is associated with a predilection to apoptosis and is reversed by granulocyte-macrophage colony-stimulating factor ex vivo. <b>1998</b> , 178, 1421-33	81
1212	Whimpers and bangs: of death and dying in the nervous system. <b>1998</b> , 13, 307-12	2
1211	Pacing-induced heart failure in dogs enhances the expression of p53 and p53-dependent genes in ventricular myocytes. <b>1998</b> , 97, 194-203	98
1210	Potential of 2-chlorodeoxyadenosine activity by bryostatin 1 in the resistant chronic lymphocytic leukemia cell line (WSU-CLL): association with increased ratios of dCK/5'-NT and Bax/Bcl-2. <b>1998</b> , 379, 1253-61	25
1209	A novel splice variant of the cell death-promoting protein BAX. <b>1998</b> , 273, 11930-6	42
1208	Oncogene-dependent regulation of caspase activation by p53 protein in a cell-free system. <b>1998</b> , 273, 28378-83	70
1207	Mtd, a novel Bcl-2 family member activates apoptosis in the absence of heterodimerization with Bcl-2 and Bcl-XL. <b>1998</b> , 273, 8705-10	106
1206	Bcl-xS and Bad potentiate the death suppressing activities of Bcl-xL, Bcl-2, and A1 in yeast. <b>1998</b> , 273, 23704-8	13
1205	A splicing variant of the Bcl-2 member Bok with a truncated BH3 domain induces apoptosis but does not dimerize with antiapoptotic Bcl-2 proteins in vitro. <b>1998</b> , 273, 30139-46	41
1204	Reversible phosphorylation of Bcl2 following interleukin 3 or bryostatin 1 is mediated by direct interaction with protein phosphatase 2A. <b>1998</b> , 273, 34157-63	115
1203	Genetic regulation of egg and embryo survival. <b>1998</b> , 13 Suppl 3, 178-90; discussion 191-6	67
1202	p53 in tumor progression: life, death, and everything. <b>1998</b> , 74, 25-48	51
1201	AP-1 (Fos/Jun) transcription factors in hematopoietic differentiation and apoptosis. <b>1998</b> , 12, 685-700	43
1200	Apoptotic induction in transformed follicular lymphoma cells by Bcl-2 downregulation. <b>1998</b> , 30, 367-79	26
1199	Regulation of B cell apoptosis by Bcl-2 and Bcl-XL and its role in the development of autoimmune diseases (Review). <b>1998</b> , 1, 475-83	16

1198	Molecular correlates of bcl-2-enhanced growth following androgen-ablation in prostate carcinoma cells in vivo. <b>1998</b> , 1, 953-9	15
1197	Upregulation of p21WAF1/CIP1 in human breast cancer cell lines MCF-7 and MDA-MB-468 undergoing apoptosis induced by natural product anticancer drugs 10-hydroxycamptothecin and camptothecin through p53-dependent and independent pathways.. <b>1998</b> , 12, 793	1
1196	Elevated Bcl-2/Bax are a consistent feature of apoptosis resistance in B-cell chronic lymphocytic leukaemia and are correlated with in vivo chemoresistance. <b>1998</b> , 28, 355-61	97
1195	Bax interacts with the permeability transition pore to induce permeability transition and cytochrome c release in isolated mitochondria. <b>1998</b> , 95, 14681-6	837
1194	The Bcl-2 Family: Targets For The Regulation Of Apoptosis. <b>1998</b> , 253-262	3
1193	Taxol-mediated augmentation of CD95 ligand-induced apoptosis of human malignant glioma cells: association with bcl-2 phosphorylation but neither activation of p53 nor G2/M cell cycle arrest. <b>1998</b> , 77, 404-11	54
1192	Diagnostic tools in male infertility. <b>1998</b> , 13 Suppl 1, 51-61	9
1191	Involvement of microtubules in the regulation of Bcl2 phosphorylation and apoptosis through cyclic AMP-dependent protein kinase. <b>1998</b> , 18, 3509-17	332
1190	Ischemic Neuronal Apoptosis: A View Based on Free Radical-Induced DNA Damage and Repair. <b>1998</b> , 4, 88-95	3
1189	Apoptosis in Degenerative Diseases of the Basal Ganglia. <b>1998</b> , 4, 301-311	3
1188	Life, death and kidneys: regulation of renal programmed cell death. <b>1998</b> , 7, 5-12	21
1187	Bax and Bak proteins require caspase activity to trigger apoptosis in sympathetic neurons. <b>1998</b> , 9, 15-9	78
1186	Mineralocorticoid receptors regulate bcl-2 and p53 mRNA expression in hippocampus. <b>1998</b> , 9, 3085-9	41
1185	Bcl-x and Bcl-2 immunoreactivity in postnatal mouse barrel fields. <b>1998</b> , 9, 4155-9	1
1184	Apoptosis in neurological disease. <b>1998</b> , 42, 555-72; discussion 573-4	93
1183	BCL-X and the apoptotic machinery of lymphoma cells. <b>1998</b> , 28, 451-8	28
1182	ARC, an inhibitor of apoptosis expressed in skeletal muscle and heart that interacts selectively with caspases. <b>1998</b> , 95, 5156-60	300
1181	Correlation of cyclin D1 and Rb gene expression with apoptosis in invasive breast cancer. <b>1998</b> , 51, 30-4	12

1180	E1B 19,000-molecular-weight protein interacts with and inhibits CED-4-dependent, FLICE-mediated apoptosis. <b>1998</b> , 18, 6052-62	24
1179	Mutagenesis of the BH3 domain of BAX identifies residues critical for dimerization and killing. <b>1998</b> , 18, 6083-9	185
1178	Commitment and effector phases of the physiological cell death pathway elucidated with respect to Bcl-2 caspase, and cyclin-dependent kinase activities. <b>1998</b> , 18, 2912-22	60
1177	mcl-1 is an immediate-early gene activated by the granulocyte-macrophage colony-stimulating factor (GM-CSF) signaling pathway and is one component of the GM-CSF viability response. <b>1998</b> , 18, 4883-98	172
1176	Cell composition, replication, and apoptosis in atherosclerotic plaques after 6 months of cholesterol withdrawal. <b>1998</b> , 83, 378-87	147
1175	Apoptosis and expression of Bax, Bcl-x, and Bcl-2 apoptotic regulatory proteins in colorectal carcinomas, and association with p53 genotype/phenotype. <b>1998</b> , 51, 254-61	36
1174	Sequence-specific poisons of type II DNA topoisomerases. <b>1998</b> , 7-38	1
1173	Regulation of B-CLL apoptosis through membrane receptors and Bcl-2 family proteins. <b>1998</b> , 30, 247-56	21
1172	Modulation of cell death by Bcl-XL through caspase interaction. <b>1998</b> , 95, 554-9	469
1171	BAG-1 and Bcl-2 in IL-2 signaling. <b>1998</b> , 30, 483-91	12
1170	Regulation of Luteal Regression: The Ewe as a Model. <b>1998</b> , 5, 49-57	7
1169	The role of caspases in apoptosis. <b>1998</b> , 62, 107-28	18
1168	Bcl-2 expression and prognosis in childhood acute leukemia. Children's Cancer and Leukemia Study Group. <b>1998</b> , 15, 143-55	12
1167	Multinucleated variant endothelial cells (MVECs) of human aorta: expression of tumor suppressor gene p53 and relationship to atherosclerosis and aging. <b>1998</b> , 6, 123-32	17
1166	The receptive endometrium is characterized by apoptosis in the glands. <b>1998</b> , 13, 3177-89	68
1165	Programmed cell death: does it play a role in Parkinson's disease?. <b>1998</b> , 44, S126-33	77
1164	Bcl-2 and Bax protein expression in neurofibrillary tangles in progressive supranuclear palsy. <b>1998</b> , 9, 1049-52	5
1163	CD95(APO-1/Fas)-mediated apoptosis: live and let die. <b>1999</b> , 71, 163-210	282

1162	High-grade malignant non-Hodgkin's lymphomas differ from low-grade lymphomas in the extent of apoptosis and their expression of bcl-2, mcl-1, bax and p53. <b>1998</b> , 19, 176-85		22
1161	Regulation of survival pathways by IL-3 and induction of apoptosis following IL-3 withdrawal. <b>1998</b> , 3, d313-24		26
1160	Apoptosis and DNA damage in type 2 alveolar epithelial cells cultured from hyperoxic rats. <b>1998</b> , 274, L714-20		56
1159	Molecular abnormalities in lung cancer. <b>1998</b> , 16, 1207-17		247
1158	Apoptosis and expression of Bax protein and Fas antigen in glomeruli of a remnant-kidney model. <b>1998</b> , 79, 186-91		29
1157	Bcl-xL is an antiapoptotic regulator for postnatal CNS neurons. <b>1998</b> , 18, 1009-19		224
1156	Widespread elimination of naturally occurring neuronal death in Bax-deficient mice. <b>1998</b> , 18, 1428-39		369
1155	The action of Bax and bcl-2 on T cell selection. <b>1998</b> , 188, 1125-33		45
1154	Developmental regulation of apoptosis in dorsal root ganglion neurons. <b>1998</b> , 18, 8928-35		63
1153	Transforming potential of the herpesvirus oncoprotein MEQ: morphological transformation, serum-independent growth, and inhibition of apoptosis. <b>1998</b> , 72, 388-95		103
1152	Phosphorylation of BCL-2 After Exposure of Human Leukemic Cells to Retinoic Acid. <i>Blood</i> , <b>1998</b> , 92, 1768-1775	2.2	58
1151	Apoptotic Regulation in Primitive Hematopoietic Precursors. <i>Blood</i> , <b>1998</b> , 92, 2041-2052	2.2	78
1150	Elevated Expression of the Apoptotic Regulator Mcl-1 at the Time of Leukemic Relapse. <i>Blood</i> , <b>1998</b> , 91, 991-1000	2.2	235
1149	Gene Expression by Single Reed-Sternberg Cells: Pathways of Apoptosis and Activation. <i>Blood</i> , <b>1998</b> , 91, 2443-2451	2.2	58
1148	Hematopoietic Malignancies Demonstrate Loss-of-Function Mutations of BAX. <i>Blood</i> , <b>1998</b> , 91, 2991-2997.2		246
1147	Role for Bcl-xL in Delayed Eosinophil Apoptosis Mediated by Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-5. <i>Blood</i> , <b>1998</b> , 92, 778-783	2.2	125
1146	The Chimeric E2A-HLF Transcription Factor Abrogates p53-Induced Apoptosis in Myeloid Leukemia Cells. <i>Blood</i> , <b>1998</b> , 92, 1397-1405	2.2	34
1145	Prolonged Phenotypic, Functional, and Molecular Change in Group I Burkitt Lymphoma Cells on Short-Term Exposure to CD40 Ligand. <i>Blood</i> , <b>1998</b> , 92, 2830-2843	2.2	43

1144	Fas/APO-1 (CD95) Mediated Apoptosis Is Activated by Interferon- $\beta$ and Interferon- $\gamma$ in Interleukin-6 (IL-6) Dependent and IL-6 Independent Multiple Myeloma Cell Lines. <i>Blood</i> , <b>1998</b> , 92, 2914-2923	2.2	63
1143	Unbalanced Expression of Bcl-2 Family Proteins in Follicular Lymphoma: Contribution of CD40 Signaling in Promoting Survival. <i>Blood</i> , <b>1998</b> , 91, 244-251	2.2	106
1142	Apoptosis. <b>1998</b> , 159-188		1
1141	Impaired thymopoiesis occurring during the thymic involution of tumor-bearing mice is associated with a down-regulation of the antiapoptotic proteins Bcl-XL and A1. <b>1998</b> , 23, 89		1
1140	Predictive value of Bcl-2 and Bax protein expression for chemotherapeutic effect in gastric cancer. A pilot study. <b>1998</b> , 55, 543-7		26
1139	Resistance of pleural mesothelioma cell lines to apoptosis: relation to expression of Bcl-2 and Bax. <b>1998</b> , 275, L165-71		33
1138	Signal transduction during apoptosis; implications for cancer therapy. <b>1998</b> , 3, d365-75		18
1137	The binding properties and biological activities of Bcl-2 and Bax in cells exposed to apoptotic stimuli. <b>1998</b> , 273, 6110-20		69
1136	Accelerated neutrophil apoptosis in mice lacking A1-a, a subtype of the bcl-2-related A1 gene. <b>1998</b> , 188, 1985-92		179
1135	A pure antiestrogen, ICI 182,780, stimulates the growth of tamoxifen-resistant KPL-1 human breast cancer cells in vivo but not in vitro. <b>1998</b> , 55 Suppl 1, 23-34		21
1134	Bax involvement in p53-mediated neuronal cell death. <b>1998</b> , 18, 1363-73		300
1133	Bax-dependent caspase-3 activation is a key determinant in p53-induced apoptosis in neurons. <b>1999</b> , 19, 7860-9		325
1132	Life and death in otolaryngology: mechanisms of apoptosis and its role in the pathology and treatment of disease. <b>1999</b> , 125, 729-37		8
1131	Overexpression of manganese superoxide dismutase protects against mitochondrial-initiated poly(ADP-ribose) polymerase-mediated cell death. <b>1999</b> , 13, 1601-10		94
1130	Apoptosis of human tumor cells by chemotherapeutic anthracyclines is enhanced by Bax overexpression. <b>1999</b> , 40, 263-72		13
1129	All along the watchtower: on the regulation of apoptosis regulators. <b>1999</b> , 13, 1647-57		127
1128	Increases in Bcl-2 and cleavage of caspase-1 and caspase-3 in human brain after head injury. <b>1999</b> , 13, 813-21		231
1127	Nitric oxide is involved in apoptosis induced by thapsigargin in rat mesangial cells. <b>1999</b> , 9, 285-96		12



1126	Role of the Bcl-2 gene family in prostate cancer progression and its implications for therapeutic intervention. <b>1999</b> , 107 Suppl 1, 49-57		40
1125	Insights into the neurodegenerative process of Alzheimer's disease: a role for mononuclear phagocyte-associated inflammation and neurotoxicity. <b>1999</b> , 65, 416-27		65
1124	E1B4+ Adenoviral Gene Transfer Vectors Function as a Pro-Life Signal to Promote Survival of Primary Human Endothelial Cells. <i>Blood</i> , <b>1999</b> , 93, 2936-2944	2.2	31
1123	Bcl-XL and Bax-Mediated Regulation of Apoptosis of Human Neutrophils Via Caspase-3. <i>Blood</i> , <b>1999</b> , 93, 3106-3115	2.2	154
1122	Subcellular Distribution and Redistribution of Bcl-2 Family Proteins in Human Leukemia Cells Undergoing Apoptosis. <i>Blood</i> , <b>1999</b> , 93, 2353-2359	2.2	79
1121	Increased BAX Expression Is Associated With an Increased Risk of Relapse in Childhood Acute Lymphocytic Leukemia. <i>Blood</i> , <b>1999</b> , 93, 2671-2678	2.2	63
1120	Correlation of Bcl-2 Rearrangement With Clinical Characteristics and Outcome in Indolent Follicular Lymphoma. <i>Blood</i> , <b>1999</b> , 93, 3081-3087	2.2	114
1119	Peripheral Blood T Cells Generated After Allogeneic Bone Marrow Transplantation: Lower Levels of Bcl-2 Protein and Enhanced Sensitivity to Spontaneous and CD95-Mediated Apoptosis In Vitro. Abrogation of the Apoptotic Phenotype Coincides With the Recovery of Normal Naive/Primed T-Cell Profiles. <i>Blood</i> , <b>1999</b> , 94, 1803-1813	2.2	44
1118	Regulation of reactive oxygen species by nerve growth factor but not Bcl-2 as a novel mechanism of protection of PC12 cells from superoxide anion-induced death. <b>1999</b> , 125, 952-9		24
1117	Cytokines and apoptotic molecules in experimental melanin-protein induced uveitis (EMIU) and experimental autoimmune uveoretinitis (EAU). <b>1999</b> , 30, 171-82		7
1116	Mutations in FL5.12 cells conferring resistance to apoptosis induced by interleukin-3 deprivation. <b>1999</b> , 14, 113-20		
1115	Oral administration of cholic acid promotes growth of liver tumors initiated by diethylnitrosamine in rats. <b>1999</b> , 15, 259-65		3
1114	Wild-type p53 gene transfer resulted in cell cycle arrest, but not apoptosis of newly established human malignant fibrous histiocytoma cell line. <b>1999</b> , 15, 935-42		1
1113	Lung fibroblasts undergo apoptosis following alveolarization. <b>1999</b> , 20, 228-36		111
1112	Antioxidants mimic the ability of chorionic gonadotropin to suppress apoptosis in the rabbit corpus luteum in vitro: a novel role for superoxide dismutase in regulating bax expression. <b>1999</b> , 140, 2555-61		47
1111	1Alpha,25-dihydroxyvitamin D3 up-regulates Bcl-2 expression and protects normal human thyrocytes from programmed cell death. <b>1999</b> , 140, 1649-56		28
1110	Expression of Bcl-2 and its homologues in human eosinophils. Modulation by interleukin-5. <b>1999</b> , 20, 720-8		47
1109	Bcl-X(LONG) protein expression and phosphorylation in granulosa cells. <b>1999</b> , 140, 4521-9		25

1108	Susceptibility of differentiated thyrocytes in primary culture to undergo apoptosis after exposure to hydrogen peroxide: relation with the level of expression of apoptosis regulatory proteins, Bcl-2 and Bax. <b>1999</b> , 140, 1990-7	28
1107	Characterization of the antiapoptotic Bcl-2 family member myeloid cell leukemia-1 (Mcl-1) and the stimulation of its message by gonadotropins in the rat ovary. <b>1999</b> , 140, 5469-77	45
1106	Thiazolidinedione induces apoptosis and monocytic differentiation in the promyelocytic leukemia cell line HL60. <b>1999</b> , 57 Suppl 2, 17-26	58
1105	Mcl-1—just another antiapoptotic Bcl-2 Homolog?. <b>1999</b> , 140, 5465-8	15
1104	Proliferative and apoptotic responses in cancers with special reference to oral cancer. <b>1999</b> , 10, 58-78	16
1103	HGF-mediated apoptosis via p53/bax-independent pathway activating JNK1. <b>1999</b> , 20, 583-90	45
1102	Altered bcl-2 family expression during non-genotoxic hepatocarcinogenesis in mice. <b>1999</b> , 20, 1583-90	26
1101	Chemosensitivity of human hepatocellular carcinoma cell line QGY-7703 is related to bcl-2 protein levels. <b>1999</b> , 20, 331-40	17
1100	Apoptosis regulating proteins as targets of therapy for haematological malignancies. <b>1999</b> , 8, 2027-2057	14
1099	Overexpression of bax in human glioma cell lines. <b>1999</b> , 91, 483-9	27
1098	Overexpression of insulin-like growth factor-1 attenuates the myocyte renin-angiotensin system in transgenic mice. <b>1999</b> , 84, 752-62	92
1097	The Bcl-2 protein family. <b>1999</b> , 23, 173-207	4
1096	Regulation of bcl-2 gene family members in human endometrium by antiprogestin administration in vivo. <b>1999</b> , 115, 389-95	36
1095	Functional Absence of FADD in PLC/PRF/5 Hepatoma Cells: Possible Involvement in the Transformation to Hepatoma in HBV-Infected Hepatocytes. <b>1999</b> , 221, 72-80	6
1094	BCL2 overexpression in diffuse large B-cell lymphoma. <b>1999</b> , 34, 45-52	31
1093	Anti-Apoptotic Actions of Cytokines in Mammalian Cells. <b>1999</b> , 221, 1-14	8
1092	Regulation of bcl-2 family proteins during development and in response to oxidative stress in cardiac myocytes: association with changes in mitochondrial membrane potential. <b>1999</b> , 85, 940-9	215
1091	Bax-induced caspase activation and apoptosis via cytochrome c release from mitochondria is inhibitable by Bcl-xL. <b>1999</b> , 274, 2225-33	561

1090	Treatment of hormone-refractory prostate cancer. <b>1999</b> , 5, 32-48	
1089	Apoptosis in human term placenta is not increased during labor but can be massively induced in vitro. <b>1999</b> , 61, 458-63	12
1088	Expression of caspase and BCL-2 apoptotic family members in mouse preimplantation embryos. <b>1999</b> , 61, 231-9	146
1087	Cytokine-mediated apoptosis in cardiac myocytes: the role of inducible nitric oxide synthase induction and peroxynitrite generation. <b>1999</b> , 85, 829-40	196
1086	Interaction of Alzheimer's presenilin-1 and presenilin-2 with Bcl-X(L). A potential role in modulating the threshold of cell death. <b>1999</b> , 274, 24007-13	81
1085	Cell damage-induced conformational changes of the pro-apoptotic protein Bak in vivo precede the onset of apoptosis. <b>1999</b> , 144, 903-14	387
1084	Adenine nucleotide translocase-1, a component of the permeability transition pore, can dominantly induce apoptosis. <b>1999</b> , 147, 1493-502	231
1083	Mitotic chromosomal bcl-2. II. Localization to interphase nuclei. <b>1999</b> , 47, 151-8	25
1082	Caspase cleaved BID targets mitochondria and is required for cytochrome c release, while BCL-XL prevents this release but not tumor necrosis factor-R1/Fas death. <b>1999</b> , 274, 1156-63	816
1081	Cystic medial degeneration of the aorta is associated with p53 accumulation, Bax upregulation, apoptotic cell death, and cell proliferation. <b>1999</b> , 82, 286-93	52
1080	Attenuated acute cardiac rejection in NOS2 -/- recipients correlates with reduced apoptosis. <b>1999</b> , 99, 836-42	84
1079	Drug-induced apoptosis and p53, BCL-2 and BAX expression in breast cancer tissues in vivo and in fibroblast cells in vitro. <b>1999</b> , 29, 323-31	23
1078	Apoptosis. <b>1999</b> , 217-236	101
1077	Apoptosis Versus Necrosis. <b>1999</b> , 3-28	26
1076	Erythropoietin can induce the expression of bcl-x(L) through Stat5 in erythropoietin-dependent progenitor cell lines. <b>1999</b> , 274, 22165-9	219
1075	Signal Transduction in Mast Cells and Basophils. <b>1999</b> ,	1
1074	Insulin-like growth factors prevent cytokine-mediated cell death in isolated islets of Langerhans from pre-diabetic non-obese diabetic mice. <b>1999</b> , 161, 153-65	61
1073	Apoptosis and overexpression of bax protein and bax mRNA in smooth muscle cells within intimal hyperplasia of human radial arteries : analysis with arteriovenous fistulas used for hemodialysis. <b>1999</b> , 19, 2066-77	24

1072	Regulation of apoptosis in myeloid cells by interferon consensus sequence-binding protein. <b>1999</b> , 190, 411-21	98
1071	Bax, but not Bcl-xL, decreases the lifetime of planar phospholipid bilayer membranes at subnanomolar concentrations. <b>1999</b> , 96, 5492-7	245
1070	Bax-induced cell death in tobacco is similar to the hypersensitive response. <b>1999</b> , 96, 7956-61	320
1069	The adenovirus oncoprotein E1a stimulates binding of transcription factor ETF to transcriptionally activate the p53 gene. <b>1999</b> , 274, 23777-86	20
1068	Presenilin 1 protein directly interacts with Bcl-2. <b>1999</b> , 274, 30764-9	54
1067	bcl-2 gene therapy exacerbates excitotoxicity. <b>1999</b> , 10, 1715-20	18
1066	Phloretin-induced apoptosis in B16 melanoma 4A5 cells and HL60 human leukemia cells. <b>1999</b> , 63, 719-25	60
1065	Soluble collagen VI drives serum-starved fibroblasts through S phase and prevents apoptosis via down-regulation of Bax. <b>1999</b> , 274, 34361-8	88
1064	Helicobacter pylori induces apoptosis in gastric mucosa through an upregulation of Bax expression in humans. <b>1999</b> , 34, 375-83	60
1063	Temporal and spatial aspects of fragmentation in early human embryos: possible effects on developmental competence and association with the differential elimination of regulatory proteins from polarized domains. <b>1999</b> , 14, 429-47	216
1062	Alternative Splicing and Programmed Cell Death. <b>1999</b> , 220, 64-72	73
1061	Rho-dependent regulation of cell spreading by the tetraspan membrane protein Gas3/PMP22. <b>1999</b> , 10, 2441-59	64
1060	Increased incidence of apoptosis in non-labour-affected cytotrophoblast cells in term fetal membranes overlying the cervix. <b>1999</b> , 14, 2895-900	86
1059	Current concepts in cell toxicity. <b>2001</b> , Chapter 2, Unit 2.1	
1058	Prognostic significance of apoptosis regulators in breast cancer. <b>1999</b> , 6, 29-40	134
1057	FAK is the upstream signal protein of the phosphatidylinositol 3-kinase-Akt survival pathway in hydrogen peroxide-induced apoptosis of a human glioblastoma cell line. <b>1999</b> , 274, 10566-70	200
1056	Mitotic chromosomal bcl-2. I. Stable expression throughout the cell cycle and association with isolated chromosomes. <b>1999</b> , 47, 139-49	24
1055	Interleukin-3 induces the phosphorylation of a distinct fraction of bcl-2. <b>1999</b> , 274, 1033-9	38

1054	Nitric oxide fully protects against UVA-induced apoptosis in tight correlation with Bcl-2 up-regulation. <b>1999</b> , 274, 6130-7	126
1053	NH2-terminal BH4 domain of Bcl-2 is functional for heterodimerization with Bax and inhibition of apoptosis. <b>1999</b> , 274, 20415-20	71
1052	Cytokine-mediated Bax deficiency and consequent delayed neutrophil apoptosis: a general mechanism to accumulate effector cells in inflammation. <b>1999</b> , 96, 13330-5	244
1051	Graves-Basedow disease goiter: a model of Bax-Bcl2 regulated apoptosis. <b>1999</b> , 9, 483-92	8
1050	Suppression of p53-mediated growth factor withdrawal-induced apoptosis in the myeloid compartment by hematopoietic cytokines: an overview of hematopoiesis and apoptosis with a presentation of thrombopoietin and the M07E cell line as a model system. <b>1999</b> , 31, 169-91	9
1049	Apoptosis and the Bcl-2 gene family -- patterns of expression and prognostic value in stage I and II follicular center lymphoma. <b>1999</b> , 44, 19-29	18
1048	Apoptosis in carcinoma of the bladder: relation with radiation treatment results. <b>1999</b> , 43, 1015-9	22
1047	A point mutation of human p53, which was not detected as a mutation by a yeast functional assay, led to apoptosis but not p21Waf1/Cip1/Sdi1 expression in response to ionizing radiation in a human osteosarcoma cell line, Saos-2. <b>1999</b> , 45, 975-80	15
1046	Chlorambucil resistance in B-cell chronic lymphocytic leukaemia is mediated through failed Bax induction and selection of high Bcl-2-expressing subclones. <b>1999</b> , 104, 581-8	43
1045	Antisense-mediated suppression of Bcl-2 highlights its pivotal role in failed apoptosis in B-cell chronic lymphocytic leukaemia. <b>1999</b> , 107, 611-5	69
1044	Expression of Bcl-2 and Bax in oligodendrogliomas and their relationship to apoptosis. <b>1999</b> , 25, 400-7	4
1043	Deregulation of apoptosis in colorectal carcinoma: theoretical and therapeutic implications. <b>1999</b> , 69, 88-94	36
1042	Bcl-2 genes and growth factors in the pathology of ischaemic acute renal failure. <b>1999</b> , 77, 279-86	46
1041	Apoptosis in the endometrium. <b>1999</b> , 35, 174-8	16
1040	Specific inhibition of T-cell adhesion to extracellular matrix and proinflammatory cytokine secretion by human recombinant galectin-1. <b>1999</b> , 97, 100-6	168
1039	A central role of Bcl-X(L) in the regulation of keratinocyte survival by autocrine EGFR ligands. <b>1999</b> , 112, 443-9	40
1038	Prior heat stress inhibits apoptosis in adenosine triphosphate-depleted renal tubular cells. <b>1999</b> , 55, 2224-35	55
1037	Expression of apoptosis regulatory genes in chronic cyclosporine nephrotoxicity favors apoptosis. <b>1999</b> , 56, 2147-59	93

1036	Bak expression and cell death occur in peritumorous tissue but not in pancreatic cancer cells. <b>1999</b> , 3, 74-80; discussion 81	18
1035	Involvement of Heat-Shock Protein 70 and P53 Proteins in Attenuation of UVC-Induced Apoptosis by Thermal Stress in Hepatocellular Carcinoma Cells. <b>1999</b> , 70, 78-86	41
1034	Apoptosis, the Role of Oxidative Stress and the Example of Solar UV Radiation. <b>1999</b> , 70, 380-390	131
1033	Neonatal ethanol exposure alters bcl-2 family mRNA levels in the rat cerebellar vermis. <b>1999</b> , 23, 1251-61	56
1032	A reappraisal on the modes of cell death in pilomatricoma. <b>1999</b> , 26, 125-9	15
1031	Mitochondrial membrane permeabilization during the apoptotic process. <b>1999</b> , 887, 18-30	105
1030	Activation of apoptosis and its inhibition. <b>1999</b> , 886, 132-57	7
1029	Gene targeting in the analysis of mammalian apoptosis and TNF receptor superfamily signaling. <b>1999</b> , 169, 283-302	66
1028	Apoptosis-related genes and proteins in Hodgkin's disease. <b>1999</b> , 107, 636-44	11
1027	Possible involvement of bcl-2 in regulation of cell-cycle progression of haemopoietic cells by transforming growth factor- $\beta$ . <b>1999</b> , 105, 470-477	22
1026	Differential induction of apoptosis in B16 melanoma and EL-4 lymphoma cells by cytostatin and bactobolin. <b>1999</b> , 90, 219-25	25
1025	An elevated bax/bcl-2 ratio corresponds with the onset of prostate epithelial cell apoptosis. <b>1999</b> , 6, 48-54	154
1024	The role of macrophage cell death in tuberculosis. <b>1999</b> , 6, 71-8	54
1023	Alterations in cell death and cell cycle progression in the UV-irradiated epidermis of bcl-2-deficient mice. <b>1999</b> , 6, 55-60	26
1022	Dexamethasone induces apoptosis in human T cell clones expressing low levels of Bcl-2. <b>1999</b> , 6, 79-86	12
1021	Identification of two novel mRNA splice variants of bax. <b>1999</b> , 6, 97-8	9
1020	A novel adenovirus E1B19K-binding protein B5 inhibits apoptosis induced by Nip3 by forming a heterodimer through the C-terminal hydrophobic region. <b>1999</b> , 6, 314-25	35
1019	Survival activity of Bcl-2 homologs Bcl-w and A1 only partially correlates with their ability to bind pro-apoptotic family members. <b>1999</b> , 6, 525-32	44

1018	Bax antisense oligonucleotides reduce axotomy-induced retinal ganglion cell death in vivo by reduction of Bax protein expression. <b>1999</b> , 6, 673-82	74
1017	The activity of the murine Bax promoter is regulated by Sp1/3 and E-box binding proteins but not by p53. <b>1999</b> , 6, 873-82	45
1016	Differential chemosensitivity of breast cancer cells to ganciclovir treatment following adenovirus-mediated herpes simplex virus thymidine kinase gene transfer. <b>1999</b> , 6, 179-90	15
1015	Apoptosis induction by E2F-1 via adenoviral-mediated gene transfer results in growth suppression of head and neck squamous cell carcinoma cell lines. <b>1999</b> , 6, 163-71	43
1014	Interferon-alpha protects myeloma cell lines from dexamethasone-induced apoptosis. <b>1999</b> , 13, 473-80	34
1013	Signal transduction, cell cycle regulatory, and anti-apoptotic pathways regulated by IL-3 in hematopoietic cells: possible sites for intervention with anti-neoplastic drugs. <b>1999</b> , 13, 1109-66	152
1012	Quantitative analysis detects ubiquitous expression of apoptotic regulators in B cell non-Hodgkin's lymphomas. <b>1999</b> , 13, 1548-53	16
1011	Bcl-2, bax and bcl-xL expression in human sensitive and resistant leukemia cell lines. <b>1999</b> , 13, 1864-72	44
1010	Drug-induced apoptosis in chronic lymphocytic leukemia. <b>1999</b> , 13, 1873-80	32
1009	Inhibitory effect of Bcl-2 on p53-mediated transactivation following genotoxic stress. <b>1999</b> , 18, 297-304	44
1008	Adenovirus-mediated high expression of BCL-6 in CV-1 cells induces apoptotic cell death accompanied by down-regulation of BCL-2 and BCL-X(L). <b>1999</b> , 18, 487-94	57
1007	Gene expression profiles in HTLV-I-immortalized T cells: deregulated expression of genes involved in apoptosis regulation. <b>1999</b> , 18, 1341-9	76
1006	Bcl-2 overexpression results in reciprocal downregulation of Bcl-X(L) and sensitizes human testicular germ cell tumours to chemotherapy-induced apoptosis. <b>1999</b> , 18, 1457-64	66
1005	Caspase-mediated cleavage of p21Waf1/Cip1 converts cancer cells from growth arrest to undergoing apoptosis. <b>1999</b> , 18, 1131-8	190
1004	Mechanisms of apoptosis induced by the synthetic retinoid CD437 in human non-small cell lung carcinoma cells. <b>1999</b> , 18, 2357-65	104
1003	Role of BAX mutations in mismatch repair-deficient colorectal carcinogenesis. <b>1999</b> , 18, 2139-42	27
1002	Serine protease inhibitor TPCK prevents Taxol-induced cell death and blocks c-Raf-1 and Bcl-2 phosphorylation in human breast carcinoma cells. <b>1999</b> , 18, 3431-9	70
1001	Effect of p21waf1/cip1 transgene on radiation induced apoptosis in T cells. <b>1999</b> , 18, 3652-8	46

1000	Bcl-2 targeted to the endoplasmic reticulum can inhibit apoptosis induced by Myc but not etoposide in Rat-1 fibroblasts. <b>1999</b> , 18, 3520-8		60
999	Adenovirus-mediated transfer of wild-type p53 gene sensitizes TNF resistant MCF7 derivatives to the cytotoxic effect of this cytokine: relationship with c-myc and Rb. <b>1999</b> , 18, 5464-72		33
998	Induction of the TRAIL receptor KILLER/DR5 in p53-dependent apoptosis but not growth arrest. <b>1999</b> , 18, 6411-8		93
997	Bis, a Bcl-2-binding protein that synergizes with Bcl-2 in preventing cell death. <b>1999</b> , 18, 6183-90		163
996	Apoptotic activity is increased in parallel with the metaplasia-dysplasia-carcinoma sequence of the bronchial epithelium. <b>1999</b> , 79, 996-1002		25
995	Molecular and cellular biology of prostate cancer-the role of apoptosis as a target for therapy. <b>1999</b> , 2, 126-139		10
994	Prognostic value of Le(y) and H antigens in oral tongue carcinomas. <b>1999</b> , 109, 1474-80		13
993	Involvement of a p53-dependent pathway in rubella virus-induced apoptosis. <b>1999</b> , 259, 74-84		42
992	Apoptosis is induced by hantaviruses in cultured cells. <b>1999</b> , 264, 99-105		47
991	Effects of smokeless tobacco and tumor promoters on cell population growth and apoptosis of B lymphocytes infected with epstein-barr virus types 1 and 2. <b>1999</b> , 160, 171-82		5
990	Apoptotic activity is increased in the newly formed fibromyxoid connective tissue in bronchiolitis obliterans organizing pneumonia. <b>1999</b> , 177, 367-76		46
989	Ameloblast apoptosis and IGF-1 receptor expression in the continuously erupting rat incisor model. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1999</b> , 4, 441-7	5-4	12
988	Induction and alternative splicing of the Bax gene mediated by p53 in a transformed endothelial cell line. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1999</b> , 4, 109-14	5-4	4
987	The role of radiation-induced apoptosis as a determinant of tumor responses to radiation therapy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1999</b> , 4, 115-43	5-4	70
986	A portrait of the Bcl-2 protein family: life, death, and the whole picture. <b>1999</b> , 19, 365-77		37
985	Differential sensitivity of human mammary epithelial and breast carcinoma cell lines to curcumin. <b>1999</b> , 54, 269-78		121
984	Differential effects of chemotherapeutic agents on the Bcl-2/Bax apoptosis pathway in human breast cancer cell line MCF-7. <b>1999</b> , 55, 73-83		51
983	Synergistic action of apoptosis induced by eicosapentaenoic acid and TNP-470 on human breast cancer cells. <b>1999</b> , 55, 149-60		26



982	Participation of Bcl-2/Bax-alpha in glutamate-induced apoptosis of human glioblastoma cells. <b>1999</b> , 44, 109-17		6
981	The pure antiestrogen ICI 182780 is more effective in the induction of apoptosis and down regulation of BCL-2 than tamoxifen in MCF-7 cells. <b>1999</b> , 58, 87-97		64
980	The role of autosomal cell apoptosis regulator genes in human spermatogenesis. <b>1999</b> , 31, 237-46		5
979	A Novel Ursodeoxycholic Acid Derivative Induces Apoptosis in Human MCF-7 Breast Cancer Cells. <b>1999</b> , 5, 293-298		15
978	Accelerated apoptosis and low bcl-2 expression associated with neuroendocrine differentiation predict shortened survival in operated large cell carcinoma of the lung. <b>1999</b> , 5, 179-86		18
977	Conformation of the Bax C-terminus regulates subcellular location and cell death. <b>1999</b> , 18, 2330-41		625
976	Structure, Recognition, and Processing of Cisplatin-DNA Adducts. <b>1999</b> , 99, 2467-98		2456
975	Identification of regulatory and catalytic domains in the apoptosis nuclease DFF40/CAD. <b>1999</b> , 274, 270-4		55
974	Cellular resistance to vincristine suppresses NF-kappa B activation and apoptosis but enhances c-Jun-NH2-terminal protein kinase activation by tumor necrosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1999</b> , 4, 291-301	5.4	7
973	Protection from cell death by mcl-1 is mediated by membrane hyperpolarization induced by K(+) channel activation. <b>1999</b> , 172, 113-20		33
972	Apoptosis and autoimmune disease. <b>1999</b> , 48, 5-21		46
971	Molecular pathogenesis of chronic lymphocytic leukemia: factors and signaling pathways regulating cell growth and survival. <b>1999</b> , 77, 282-93		69
970	[Cell death in inflammatory heart muscle diseases--apoptosis or necrosis?]. <b>1999</b> , 24, 211-8		6
969	Ginsenoside Rh2 induces apoptosis independently of Bcl-2, Bcl-xL, or Bax in C6Bu-1 cells. <b>1999</b> , 22, 448-53		41
968	Expression of p53, p21/waf, bcl-2, bax, Rb and Ki67 proteins in colorectal adenocarcinomas. <b>1999</b> , 16, 23-30		20
967	Differential distribution of presenilin-1, Bax, and Bcl-X(L) in Alzheimer's disease and frontotemporal dementia. <b>1999</b> , 98, 141-9		28
966	UV irradiation induces downregulation of bcl-2 expression in vitro and in vivo. <b>1999</b> , 291, 212-6		30
965	The interaction of Bcl-2 and Bax regulates apoptosis in biliary epithelial cells of rats with obstructive jaundice. <b>1999</b> , 434, 333-9		18

964	The apoptosis cascade--morphological and immunohistochemical methods for its visualization. <b>1999</b> , 200, 1-18	238
963	Subnuclear distribution of DNA topoisomerase I and Bax protein in normal and xeroderma pigmentosum fibroblasts after irradiation with UV light and gamma rays or treatment with topotecan. <b>1999</b> , 125, 193-208	15
962	Basic fibroblast growth factor potentiates cisplatinum-induced cytotoxicity in MCF-7 human breast cancer cells. <b>1999</b> , 125, 556-62	12
961	Colocalization of BAX and BCL-2 in small intestine and kidney biopsies with different degrees of DNA fragmentation. <b>1999</b> , 296, 351-7	12
960	The apoptosis of experimental colorectal carcinoma cells induced by peptidoglycan of bifidobacterium and the expression of apoptotic regulating genes. <b>1999</b> , 11, 184-187	4
959	The expression and clinical value of apoptosis control gene Bcl-2 and bax in breast cancer. <b>1999</b> , 11, 221-223	
958	Altered gene expression during hypoxia and reoxygenation of the heart. <b>1999</b> , 83, 21-37	35
957	Bcl-2 and Bax expression following methylazoxymethanol acetate-induced apoptosis in the external granule cell layer of the developing rat cerebellum. <b>1999</b> , 112, 149-53	8
956	Characterization of the cell death promoter, Bad, in the developing rat retina and forebrain. <b>1999</b> , 115, 41-7	15
955	Induction of apoptosis in rat hepatic stellate cells by disruption of integrin-mediated cell adhesion. <b>1999</b> , 134, 83-9	58
954	Death by design: mechanism and control of apoptosis. <b>1999</b> , 15, M49-M52	3
953	Induction of Bax protein and degradation of lamin A during p53-dependent apoptosis induced by chemotherapeutic agents in human cancer cell lines. <b>1999</b> , 57, 143-54	19
952	Apoptotic DNA fragmentation and upregulation of Bax induced by transient ischemia of the rat retina. <b>1999</b> , 815, 11-20	60
951	Diverse stimuli induce calpain overexpression and apoptosis in C6 glioma cells. <b>1999</b> , 829, 18-27	73
950	Reciprocal changes in the expression of Bcl-2 and Bax in hypoglossal nucleus after axotomy in adult rats: possible involvement in the induction of neuronal cell death. <b>1999</b> , 827, 122-9	38
949	Bcl-2 transgenic mice with increased number of neurons have a greater learning capacity. <b>1999</b> , 832, 188-94	11
948	MEC1 and MEC2: two new cell lines derived from B-chronic lymphocytic leukaemia in prolymphocytoid transformation. <b>1999</b> , 23, 127-36	200
947	Prolactin blocks glucocorticoid induced cell death by inhibiting the disruption of the mitochondrial membrane. <b>1999</b> , 23, 751-62	18

946	p53 gene status and chemosensitivity of childhood acute lymphoblastic leukemia cells to adriamycin. <b>1999</b> , 23, 871-80	30
945	Bax:Bcl-2 ratio modulation by bryostatin 1 and novel antitubulin agents is important for susceptibility to drug induced apoptosis in the human early pre-B acute lymphoblastic leukemia cell line, Reh. <b>1999</b> , 23, 881-8	59
944	Pleiotropic drug resistance in B-cell chronic lymphocytic leukaemia--the role of Bcl-2 family dysregulation. <b>1999</b> , 23, 1007-14	27
943	Leukemia cell differentiation: cellular and molecular interactions of retinoids and vitamin D. <b>1999</b> , 32, 143-54	75
942	Apoptosis in developing retinal tissue. <b>1999</b> , 18, 133-65	141
941	Age-specific therapy for traumatic injury of the immature brain: experimental approaches. <b>1999</b> , 51, 172-7	28
940	Deciphering the pathways of life and death. <b>1999</b> , 11, 261-6	150
939	Death by design: mechanism and control of apoptosis. <b>1999</b> , 9, M49-M52	129
938	Death by design: mechanism and control of apoptosis. <b>1999</b> , 24, M49-M52	8
937	Apoptosis-associated proteins and the development of oral squamous cell carcinoma. <b>1999</b> , 35, 77-85	47
936	Apoptosis in abortive hair follicular components in the organoid nevus. <b>1999</b> , 49, 477-8	
935	Expression of Bcl-2, but not Bax, correlates with estrogen receptor status and tumor proliferation in invasive breast carcinoma. <b>1999</b> , 49, 775-80	30
934	Alternative splicing and programmed cell death. <b>1999</b> , 220, 64-72	133
933	Anti-apoptotic actions of cytokines in mammalian cells. <b>1999</b> , 221, 1-13	12
932	Functional absence of FADD in PLC/PRF/5 hepatoma cells: possible involvement in the transformation to hepatoma in HBV-infected hepatocytes. <b>1999</b> , 221, 72-9	9
931	Activation of caspase-8 in transforming growth factor-beta-induced apoptosis of human hepatoma cells. <b>1999</b> , 30, 1215-22	85
930	Dominant-negative p53 mutations in rheumatoid arthritis. <b>1999</b> , 42, 1088-92	72
929	Regulation of synovial cell apoptosis by proteasome inhibitor. <b>1999</b> , 42, 2440-8	32

928	Predominance of neuronal mRNAs in individual Alzheimer's disease senile plaques. <b>1999</b> , 45, 174-181	110
927	Advances in cancer cytogenetics. <b>1999</b> , Suppl 32-33, 173-82	3
926	Bcl-2 regulates chondrocyte morphology and aggrecan gene expression independent of caspase activation and full apoptosis. <b>1999</b> , 74, 576-586	33
925	Negative cell cycle control of human T cells by beta-galactoside binding protein (beta GBP): induction of programmed cell death in leukaemic cells. <b>1999</b> , 178, 102-8	32
924	Mechanistic studies of the effects of the retinoid N-(4-hydroxyphenyl)retinamide on prostate cancer cell growth and apoptosis. <b>1999</b> , 24, 160-8	22
923	Induction of apoptosis by the p53-273L (Arg- <u>beu</u> ) mutant in HSC3 cells without transactivation of p21Waf1/Cip1/Sdi1 and bax. <b>1999</b> , 26, 44-52	22
922	Granulocyte-macrophage colony-stimulating factor protects dendritic cells from liposome-encapsulated dichloromethylene diphosphonate-induced apoptosis through a Bcl-2-mediated pathway. <b>1999</b> , 29, 563-70	28
921	Spontaneous apoptosis in laryngeal squamous cell carcinoma is independent of bcl-2 and bax protein expression. <b>1999</b> , 85, 591-599	48
920	Apoptosis and the expression of Bax and bcl-2 in squamous cell carcinoma and adenocarcinoma of the uterine cervix. <b>1999</b> , 85, 1799-1809	20
919	Transient increases of apoptosis and Bax expression occurring during radiotherapy in patients with invasive cervical carcinoma. <b>1999</b> , 86, 79-87	12
918	The prognostic value of spontaneous apoptosis, Bax, Bcl-2, and p53 in oral squamous cell carcinoma of the tongue. <b>1999</b> , 86, 913-20	115
917	Focal adhesion kinase, paxillin, and bcl-2: analysis of expression, phosphorylation, and association during morphogenesis. <b>1999</b> , 215, 371-82	41
916	Prognostic significance of Bcl-2 in Wilms' tumor and oncogenic potential of Bcl-X(L) in rare tumor cases. <b>1999</b> , 84, 192-200	22
915	Dr. Josef Steiner Cancer Research Prize Lecture: the role of physiological cell death in neoplastic transformation and in anti-cancer therapy. <b>1999</b> , 81, 505-11	15
914	Expression of p27 is associated with Bax expression and spontaneous apoptosis in oral and oropharyngeal carcinoma. <b>1999</b> , 84, 315-20	62
913	A recombinant defective adenoviral agent expressing anti-bcl-2 ribozyme promotes apoptosis of bcl-2-expressing human prostate cancer cells. <b>1999</b> , 82, 846-52	33
912	Apoptosis-promoting gene (bax) transfer potentiates sensitivity of squamous cell carcinoma to cisplatin in vitro and in vivo. <b>1999</b> , 82, 860-7	24
911	Synthesis of Bcl-2 in response to anthracycline treatment may contribute to an apoptosis-resistant phenotype in leukemic cell lines. <b>1999</b> , 36, 140-9	12

910	Reactive oxygen metabolites, antioxidants and head and neck cancer. <b>1999</b> , 21, 467-79	20
909	Motor neuron degeneration is attenuated in bax-deficient neurons in vitro. <b>1999</b> , 55, 542-56	62
908	Estrogen and NGF synergistically protect terminally differentiated, ERalpha-transfected PC12 cells from apoptosis. <b>1999</b> , 56, 471-81	60
907	Postnatal distribution of cyp32/caspase 3 mRNA in the mouse central nervous system: an in situ hybridization study. <b>1999</b> , 409, 339-57	64
906	p53 and Bax: putative death factors in taste cell turnover. <b>1999</b> , 413, 168-80	34
905	CeReS-18 inhibits growth and induces apoptosis in human prostatic cancer cells. <b>1999</b> , 38, 285-95	
904	A selection system for human apoptosis inhibitors using yeast. <b>1999</b> , 15, 1307-21	32
903	Gene therapy for carcinoma of the breast: Pro-apoptotic gene therapy. <b>2000</b> , 2, 32-44	18
902	Relationship of p53 mutations to epidermal cell proliferation and apoptosis in human UV-induced skin carcinogenesis. <b>1999</b> , 1, 468-75	52
901	BCL-2 family protein expression in initial and recurrent glioblastomas: modulation by radiochemotherapy. <b>1999</b> , 67, 763-8	94
900	A case of adenocarcinoma of the small intestine in a Japanese patient with Crohn disease: a report with immunohistochemical and oncogenic analyses. <b>1999</b> , 34, 1162-7	10
899	Downregulation of Bcl-2, but not of Bax or Bcl-x, is associated with T lymphocyte apoptosis in HIV infection and restored by antiretroviral therapy or by interleukin 2. <b>1999</b> , 15, 803-10	36
898	Endostatin induces endothelial cell apoptosis. <b>1999</b> , 274, 11721-6	443
897	Apoptosis in human autoimmune diseases. <b>1999</b> , 18, 563-89	28
896	Changes in Bcl-2 and Bax expression in rat tongue during 4-nitroquinoline 1-oxide-induced carcinogenesis. <b>1999</b> , 78, 1264-9	33
895	Chronic inflammation and cancer: potential role of Bcl-2 gene family members as regulators of cellular antioxidant status. <b>1999</b> , 52, 27-30	22
894	Chemosensitivity of prostate cancer cell lines and expression of multidrug resistance-related proteins. <b>1999</b> , 35, 664-71	89
893	Role of Bcl-2 family proteins (Bax, Bcl-2 and Bcl-X) on cellular susceptibility to radiation in pancreatic cancer cells. <b>1999</b> , 35, 1374-80	95

892	Proapoptotic effects of antiestrogens, progestins and androgen in breast cancer cells. <b>1999</b> , 69, 463-71	111
891	Regulation of Apoptosis in the Prostate Gland by Androgenic Steroids. <b>1999</b> , 10, 47-54	50
890	PKR, apoptosis and cancer. <b>1999</b> , 31, 123-38	169
889	Pre-TCR signaling and inactivation of p53 induces crucial cell survival pathways in pre-T cells. <b>1999</b> , 11, 91-101	106
888	Following the development of a CD4 T cell response in vivo: from activation to memory formation. <b>1999</b> , 11, 163-71	177
887	Quantitative assessment of apoptosis in oral lichen planus. <b>1999</b> , 88, 187-95	53
886	Phosphorylation and inactivation of BAD by mitochondria-anchored protein kinase A. <b>1999</b> , 3, 413-22	567
885	Susceptibility to apoptosis measured by MYC, BCL-2, and BAX expression in arterioles and capillaries of adult spontaneously hypertensive rats. <b>1999</b> , 12, 815-20	20
884	Implications de l'apoptose en pathologie. <b>1999</b> , 14, 16-31	
883	Adenovirus-mediated gene transfer of Bcl-xL prevents cell death in primary neuronal culture of the rat. <b>1999</b> , 270, 177-80	21
882	Translocation of cytochrome c following transient global ischemia in the gerbil. <b>1999</b> , 274, 123-6	24
881	The EAT/mcl-1 gene, an inhibitor of apoptosis, is up-regulated in the early stage of acute myocardial infarction. <b>1999</b> , 1472, 471-8	12
880	The beta2-adrenoceptor agonist clenbuterol modulates Bcl-2, Bcl-xl and Bax protein expression following transient forebrain ischemia. <b>1999</b> , 90, 1255-63	47
879	Differential expression of bcl-w and bcl-x messenger RNA in the developing and adult rat nervous system. <b>1999</b> , 91, 673-84	56
878	Bcl-2, Bax and Bcl-x expression following kainic acid administration at convulsant doses in the rat. <b>1999</b> , 91, 1461-70	53
877	Status epilepticus-induced neuronal damage in the rat amygdaloid complex: distribution, time-course and mechanisms. <b>1999</b> , 94, 473-95	87
876	Crossreactive B cells are present during a primary but not secondary response in BALB/c mice expressing a bcl-2 transgene. <b>1999</b> , 36, 471-9	22
875	Decreased expression of Bax is correlated with poor prognosis in oral and oropharyngeal carcinoma. <b>1999</b> , 140, 81-91	34

874	Induction of apoptosis in HL-60 cells by eicosapentaenoic acid (EPA) is associated with downregulation of bcl-2 expression. <b>1999</b> , 145, 17-27		52
873	Caspase inhibitors block the retinal ganglion cell death following optic nerve transection. <b>1999</b> , 67, 36-45		159
872	Roles of p53, c-Myc, Bcl-2, Bax and caspases in glutamate-induced neuronal apoptosis and the possible neuroprotective mechanism of basic fibroblast growth factor. <b>1999</b> , 71, 210-6		43
871	Microsatellite instability associated with hepatocarcinogenesis. <b>1999</b> , 31, 529-36		37
870	Antisense bcl-2 treatment increases programmed cell death in non-small cell lung cancer cell lines. <b>1999</b> , 23, 115-27		50
869	Gene therapy for lung cancer. <b>1999</b> , 23, 191-207		10
868	Apoptosis of retinal ganglion cells in glaucoma: an update of the molecular pathways involved in cell death. <b>1999</b> , 43 Suppl 1, S151-61		159
867	Ginsenoside RH-2 induces apoptotic cell death in rat C6 glioma via a reactive oxygen- and caspase-dependent but Bcl-X(L)-independent pathway. <i>Life Sciences</i> , <b>1999</b> , 65, PL33-40	6.8	39
866	Novel BNIP1 variants and their interaction with BCL2 family members. <b>1999</b> , 448, 23-7		20
865	Interleukin 2-Bax: a novel prototype of human chimeric proteins for targeted therapy. <b>1999</b> , 457, 271-6		25
864	Expression of the apoptosis-related oncogenes bcl-2, bax, and p53 in Merkel cell carcinoma: can they predict treatment response and clinical outcome?. <b>1999</b> , 30, 1367-72		67
863	Solution structure of the proapoptotic molecule BID: a structural basis for apoptotic agonists and antagonists. <i>Cell</i> , <b>1999</b> , 96, 625-34	56.2	347
862	Apoptosis in the rat spermatogenic epithelium following androgen withdrawal: changes in apoptosis-related genes. <b>1999</b> , 60, 461-70		137
861	The induction of apoptosis by bacterial pathogens. <b>1999</b> , 53, 155-87		328
860	Bcl-2 and Bax protein expression in human myopathies. <b>1999</b> , 164, 76-81		31
859	Methyl methanesulfonate and hydrogen peroxide differentially regulate p53 accumulation in hepatoblastoma cells. <b>1999</b> , 106, 201-8		13
858	Boo, a novel negative regulator of cell death, interacts with Apaf-1. <b>1999</b> , 18, 167-78		131
857	Haploid loss of bax leads to accelerated mammary tumor development in C3(1)/SV40-TAg transgenic mice: reduction in protective apoptotic response at the preneoplastic stage. <b>1999</b> , 18, 2692-701		105

856	Differential expression of cell survival and cell cycle regulatory proteins in cutaneous squamoproliferative lesions. <b>1999</b> , 19, 53-67	295
855	Ascorbic Acid Inhibits Apoptosis Induced by X Irradiation in HL60 Myeloid Leukemia Cells. <b>1999</b> , 152, 468	44
854	Correlation between Unirradiated Cell TP53 Protein Levels and Radiosensitivity in MOLT-4 Cells. <b>1999</b> , 151, 686	13
853	DNA copy number losses in human neoplasms. <b>1999</b> , 155, 683-94	334
852	Overexpression of bax associated with mutations in the loop-sheet-helix motif of p53. <b>1999</b> , 155, 955-65	24
851	The central effectors of cell death in the immune system. <b>1999</b> , 17, 781-828	333
850	Overexpression of anti-apoptotic gene BAG-1 in human cervical cancer. <b>1999</b> , 247, 200-7	40
849	Induction of p21(CIP1/Waf1) and activation of p34(cdc2) involved in retinoic acid-induced apoptosis in human hepatoma Hep3B cells. <b>1999</b> , 248, 87-96	52
848	Effects of differential overexpression of Bcl-2 on apoptosis, proliferation, and telomerase activity in Jurkat T cells. <b>1999</b> , 251, 175-84	21
847	Apoptosis induced by DNA uptake limits transfection efficiency. <b>1999</b> , 253, 541-50	45
846	Fas-activated apoptosis and apoptosis mediators in human trabecular meshwork cells. <b>1999</b> , 68, 583-90	33
845	BCL-2 transduction, using a herpes simplex virus amplicon, protects hippocampal neurons from transient global ischemia. <b>1999</b> , 156, 130-7	77
844	Characterization of MPP(+)-induced cell death in a dopaminergic neuronal cell line: role of macromolecule synthesis, cytosolic calcium, caspase, and Bcl-2-related proteins. <b>1999</b> , 159, 274-82	43
843	Aging splenocyte and thymocyte apoptosis is associated with enhanced expression of p53, bax, and caspase-3. <b>1999</b> , 1, 78-81	27
842	Reducing cytotoxicity induced by Sindbis viral vectors. <b>1999</b> , 67, 36-42	6
841	Identification and characterization of baxepsilon, a novel bax variant missing the BH2 and the transmembrane domains. <b>1999</b> , 254, 779-85	26
840	TFAR19, a novel apoptosis-related gene cloned from human leukemia cell line TF-1, could enhance apoptosis of some tumor cells induced by growth factor withdrawal. <b>1999</b> , 254, 203-10	142
839	Effect of antisense human telomerase RNA transfection on the growth of human gastric cancer cell lines. <b>1999</b> , 255, 753-8	31



838	Biophysical characterization of the oligomeric state of Bax and its complex formation with Bcl-XL. <b>1999</b> , 255, 334-9	26
837	Loss of the bcl-2 phosphorylation loop domain increases resistance of human leukemia cells (U937) to paclitaxel-mediated mitochondrial dysfunction and apoptosis. <b>1999</b> , 259, 67-72	58
836	Induction of cell proliferation and apoptosis: dependence on the dose of the inducer. <b>1999</b> , 260, 105-10	26
835	Phosphorylation of Bcl-2 and mitochondrial changes are associated with apoptosis of lymphoblastoid cells induced by normal immunoglobulin G. <b>1999</b> , 264, 896-901	21
834	GM-CSF rescues TF-1 cells from growth factor withdrawal-induced, but not differentiation-induced apoptosis: the role of BCL-2 and MCL-1. <b>1999</b> , 11, 849-55	26
833	Essential roles of retinoic acid signaling in interdigital apoptosis and control of BMP-7 expression in mouse autopods. <b>1999</b> , 208, 30-43	105
832	Oocyte apoptosis: like sand through an hourglass. <b>1999</b> , 213, 1-17	305
831	Members of the bcl-2 and caspase families regulate nuclear degeneration during chick lens fibre differentiation. <b>1999</b> , 213, 142-56	85
830	Contribution of non-cardiomyocyte apoptosis to cardiac remodelling that occurs in the transition from compensated hypertrophy to heart failure in spontaneously hypertensive rats. <b>1999</b> , 97, 239-246	25
829	Contribution of non-cardiomyocyte apoptosis to cardiac remodelling that occurs in the transition from compensated hypertrophy to heart failure in spontaneously hypertensive rats. <b>1999</b> , 97, 239	6
828	Immunohistochemical analysis of Bcl-2, Bax, Bcl-X, and Mcl-1 expression in pancreatic cancers. <b>1999</b> , 56, 73-82	139
827	Estradiol: a protective and trophic factor in the brain. <b>1999</b> , 1, 265-74	17
826	Btf, a novel death-promoting transcriptional repressor that interacts with Bcl-2-related proteins. <b>1999</b> , 19, 4390-404	154
825	In situ localization of p53, bcl-2 and bax mRNAs in rat ocular tissue. <b>1999</b> , 10, 2165-7	11
824	Pharmacokinetics and Cerebrospinal Fluid Penetration of Daunorubicin, Idarubicin, and Their Metabolites in the Nonhuman Primate Model. <b>1999</b> , 21, 26-30	12
823	Roles of p53, c-Myc, Bcl-2, Bax and caspases in serum deprivation-induced neuronal apoptosis: a possible neuroprotective mechanism of basic fibroblast growth factor. <b>1999</b> , 10, 3087-91	26
822	Cif (Cytochrome c efflux-inducing factor) activity is regulated by Bcl-2 and caspases and correlates with the activation of Bid. <b>1999</b> , 19, 1381-9	59
821	Expression of apoptosis-controlling proteins in acute leukemia cells. <b>1999</b> , 33, 499-509	43

820	BCL-2 family members and the mitochondria in apoptosis. <b>1999</b> , 13, 1899-911	2845
819	Protooncogenes as mediators of apoptosis. <b>2000</b> , 197, 137-202	23
818	Monitoring interactions of Bcl-2 family proteins in 96-well plate assays. <b>2000</b> , 322, 255-66	
817	Assays for studying Bax-induced lethality in the yeast <i>Saccharomyces cerevisiae</i> . <b>2000</b> , 322, 283-96	11
816	Regulation of apoptosis reduction in the cisplatin-resistant A431 cell line by Bcl-2 and CPP32. <b>2000</b> , 46, 69-76	21
815	Changes in proliferative potential, apoptosis and Bcl-2 protein expression in cytotrophoblasts and syncytiotrophoblast in human placenta over the course of pregnancy. <b>2000</b> , 47, 317-27	49
814	Apoptosis or senescence-like growth arrest: influence of cell-cycle position, p53, p21 and bax in H2O2 response of normal human fibroblasts. <b>2000</b> , 347, 543-51	138
813	Bcl-2 expression in cholangiocellular carcinoma is inversely correlated with biologically aggressive phenotypes. <b>2000</b> , 59, 63-7	27
812	Expression of genes involved in initiation, regulation, and execution of apoptosis in human neutrophils and during neutrophil differentiation of HL-60 cells. <b>2000</b> , 67, 712-24	88
811	Bcl-2, Bax, Bcl-x(L) and Bcl-x(S) expression in neoplastic and normal endometrium. <b>2000</b> , 58, 161-8	27
810	Radiation-induced apoptosis: predictive and therapeutic significance in radiotherapy of prostate cancer (review). <b>2000</b> , 7, 699-706	36
809	Apoptosis or senescence-like growth arrest: influence of cell-cycle position, p53, p21 and bax in H2O2 response of normal human fibroblasts. <b>2000</b> , 347, 543-551	197
808	Amyloid beta-induced neuronal death is bax-dependent but caspase-independent. <b>2000</b> , 59, 271-9	81
807	Loss of heterozygosity on chromosome 19 in secondary glioblastomas. <b>2000</b> , 59, 539-43	100
806	Regulation of Bcl2 phosphorylation and potential significance for leukemic cell chemoresistance. <b>2001</b> , 30-7	49
805	Biomarkers and molecular epidemiology and chemoprevention of oral carcinogenesis. <b>2000</b> , 11, 92-122	36
804	Molecular markers predictive of response and prognosis in the patient with advanced squamous cell carcinoma of the head and neck: evolution of a model beyond TNM staging. <b>2000</b> , 12, 229-39	41
803	Survival mechanisms induced by 12-O-tetradecanoylphorbol-13-acetate in normal human melanocytes include inhibition of apoptosis and increased Bcl-2 expression. <b>2000</b> , 10, 412-20	12

802	Differential regulation of P53, c-Myc, Bcl-2, Bax and AFP protein expression, and caspase activity during 10-hydroxycamptothecin-induced apoptosis in Hep G2 cells. <b>2000</b> , 11, 747-56	24
801	Doxazosin modifies Bcl-2 and Bax protein expression in the left ventricle of spontaneously hypertensive rats. <b>2000</b> , 18, 307-15	16
800	Germ cell suicide: new insights into apoptosis during spermatogenesis. <b>2000</b> , 22, 423-30	323
799	Pro-apoptotic treatment with an adenovirus encoding Bax enhances the effect of chemotherapy in ovarian cancer. <b>2000</b> , 2, 97-106	38
798	Bax and Bcl-2 protein expression following radiation therapy versus radiation plus thermoradiotherapy in stage IIIB cervical carcinoma. <b>2000</b> , 88, 132-138	33
797	Preoperative treatment with tegafur suppositories enhances apoptosis and reduces the intratumoral microvessel density of human colorectal carcinoma. <b>2000</b> , 88, 1007-15	10
796	Lack of frameshift mutations at coding mononucleotide repeats in hepatocellular carcinoma in Japanese patients. <b>2000</b> , 88, 1025-1029	19
795	Atypical bronchopulmonary carcinoids show a tendency toward increased apoptotic and proliferative activity. <b>2000</b> , 88, 1590-8	39
794	In vivo electroporetic transfer of bcl-2 antisense oligonucleotide inhibits the development of hepatocellular carcinoma in rats. <b>2000</b> , 85, 260-266	
793	Synergistic anti-tumoral effect of paclitaxel (Taxol)+AS101 in a murine model of B16 melanoma: association with ras-dependent signal-transduction pathways. <b>2000</b> , 86, 281-8	38
792	Part II. Overexpression of bcl-2 family members enhances survival of mammalian cells in response to various culture insults. <b>2000</b> , 67, 555-64	93
791	Influence of bcl-2 on cell death during the cultivation of a Chinese hamster ovary cell line expressing a chimeric antibody. <b>2000</b> , 68, 31-43	110
790	Bcl-2: bax and bcl-2: Bcl-x ratios by image cytometric quantitation of immunohistochemical expression in ovarian carcinoma: correlation with prognosis. <b>2000</b> , 42, 61-6	24
789	Localization of Bcl-xbeta in the developing and adult rat central nervous system. <b>2000</b> , 60, 468-77	2
788	Expression of the Epstein-Barr virus BHRF1 gene, a homologue of Bcl-2, in nasopharyngeal carcinoma tissue. <b>2000</b> , 61, 241-50	23
787	Expression of apoptosis-regulatory genes in epithelial cells in pulmonary fibrosis in mice. <b>2000</b> , 190, 221-9	63
786	Racial differences in prostate cancer growth: apoptosis and cell proliferation in Caucasian and African-American patients. <b>2000</b> , 42, 130-6	30
785	Mutation of BAX occurs infrequently in acquired immunodeficiency syndrome-related non-Hodgkin's lymphomas. <b>2000</b> , 27, 177-82	9

784	Differential expression of phosphatidylethanol-amine-binding protein in rat hepatoma cell lines: analyses of tumor necrosis factor-alpha-resistant cKDH-8/11 and -sensitive KDH-8/YK cells by two-dimensional gel electrophoresis. <b>2000</b> , 21, 660-4	8
783	In vitro models of prostate apoptosis: Clusterin as an antiapoptotic mediator. <b>2000</b> , 45, 21-24	11
782	Correlation of increased apoptosis and proliferation with development of prostatic intraepithelial neoplasia (PIN) in ventral prostate of the Noble rat. <b>2000</b> , 44, 31-9	37
781	Apoptosis and proliferation as predictors of chemotherapy response in patients with breast carcinoma. <b>2000</b> , 89, 2145-2152	147
780	Griseofulvin potentiates antitumorigenesis effects of nocodazole through induction of apoptosis and G2/M cell cycle arrest in human colorectal cancer cells. <b>2001</b> , 91, 393-401	114
779	Induction of apoptosis in head-and-neck squamous carcinoma cells by gamma-irradiation and bleomycin is p53-independent. <b>2000</b> , 88, 737-43	23
778	Protein synthesis-dependent but Bcl-2-independent cytochrome C release in zinc depletion-induced neuronal apoptosis. <b>2000</b> , 61, 508-14	16
777	Opposing effects of adenosine on the survival of glial cells exposed to chemical ischemia. <b>2000</b> , 62, 539-46	7
776	Bcl-2 and bax immunohistochemistry in denervation-reinnervation and necrosis-regeneration of rat skeletal muscles. <b>2000</b> , 23, 1862-7	21
775	Copper induces apoptosis in BA/F3beta cells: Bax, reactive oxygen species, and NFkappaB are involved. <b>2000</b> , 184, 161-70	63
774	Structural association of Bax with nuclear matrix and cytomatrix revealed by embedment-free immunogold electron microscopy. <b>2000</b> , 24, 649-56	13
773	The apoptotic pathway: a target for therapy in chronic lymphocytic leukemia. <b>2000</b> , 18, 87-98	12
772	p53-dependent apoptosis in melanoma cells after treatment with camptothecin. <b>2000</b> , 114, 514-9	45
771	Role of apoptosis in uranyl acetate-induced acute renal failure and acquired resistance to uranyl acetate. <b>2000</b> , 57, 1560-70	28
770	Expression of apoptosis regulatory proteins in tubular epithelium stressed in culture or following acute renal failure. <b>2000</b> , 57, 969-81	113
769	Significance of Apoptosis and Apoptotic-Related Proteins, Bcl-2, and Bax in Primary Breast Cancer. <b>2000</b> , 6, 44-52	26
768	Differences in bcl-2- and bax-independent function in regulating apoptosis in sensory neuron populations. <b>2000</b> , 12, 819-27	20
767	Effect of IL-5, glucocorticoid, and Fas ligation on Bcl-2 homologue expression and caspase activation in circulating human eosinophils. <b>2000</b> , 120, 12-21	36

766	Bacterial cell death induced by human pro-apoptotic Bax is blocked by an RNase E mutant that functions in an anti-oxidant pathway. <b>2000</b> , 5, 155-67	11
765	AtBI-1, a plant homologue of Bax inhibitor-1, suppresses Bax-induced cell death in yeast and is rapidly upregulated during wounding and pathogen challenge. <b>2000</b> , 21, 393-9	125
764	Increase in CD95 (Fas/APO-1)-positive CD4+ and CD8+ T cells in peripheral blood derived from patients with autoimmune hepatitis or chronic hepatitis C with autoimmune phenomena. <b>2000</b> , 15, 69-75	23
763	Putative role of hepatitis B virus X protein in hepatocarcinogenesis: effects on apoptosis, DNA repair, mitogen-activated protein kinase and JAK/STAT pathways. <b>2000</b> , 15, 357-68	149
762	Dysregulated expression of bcl-2 and bax in oral carcinomas: evidence of post-transcriptional control. <b>2000</b> , 29, 63-9	27
761	p53, bcl-2 and bax abnormalities in non-Hodgkin's lymphomas of the head and neck. <b>2000</b> , 29, 180-5	3
760	TNF-alpha expression and apoptosis-regulating proteins in oral lichen planus: a comparative immunohistochemical evaluation. <b>2000</b> , 29, 370-5	49
759	Acrosome and chromatin integrity, oxidative stress, and expression of apoptosis-related genes in cryopreserved mouse epididymal spermatozoa treated with L-Carnitine. <b>2020</b> , 95, 171-176	7
758	Research Progress Regarding Surgical Margins, Molecular Margins, and Prognosis of Laryngeal Carcinoma. <b>2021</b> , 100, 597-603	2
757	Evaluation of toxicity of gadolinium-based contrast agents on neuronal cells. <b>2021</b> , 62, 206-214	3
756	Hexavalent chromium-induced apoptosis in Hep3B cells is accompanied by calcium overload, mitochondrial damage, and AIF translocation. <b>2021</b> , 208, 111391	8
755	BCL2L13: physiological and pathological meanings. <b>2021</b> , 78, 2419-2428	6
754	Moxibustion for cognitive impairment: a systematic review and meta-analysis of animal studies. <b>2021</b> , 10, 100680	4
753	The protective effect of Lavandula officinalis extract on 6-hydroxydopamine-induced reactive oxygen species and apoptosis in PC12 cells. <b>2021</b> , 41, 101233	2
752	Cell signaling and apoptosis in animals. <b>2021</b> , 199-218	
751	Pectin-Lyase-Modified Ginseng Extract and Ginsenoside Rd Inhibits High Glucose-Induced ROS Production in Mesangial Cells and Prevents Renal Dysfunction in db/db Mice. <b>2021</b> , 26,	1
750	Mir-573 regulates cell proliferation and apoptosis by targeting Bax in human degenerative disc cells following hyperbaric oxygen treatment. <b>2021</b> , 16, 16	2
749	Surfactant Protein D in Immune Surveillance Against Cancer. <b>2021</b> , 147-163	

748	Berberamine Suppresses the Progression of Bladder Cancer by Modulating the ROS/NF-B Axis. <b>2021</b> , 2021, 8851763	2
747	Stem Cell Therapy in Single-Ventricle Physiology: Recent Progress and Future Directions. <b>2021</b> , 24, 67-76	0
746	Cancer preventive role of olives and olive oil via modulation of apoptosis and nuclear factor-kappa B activation. <b>2021</b> , 377-388	
745	FLINO-A new method for immunofluorescence bioimage normalization. <b>2021</b> ,	2
744	Overexpression of Notch2 enhances radiosensitivity via inhibition of the AKT/mTOR signaling pathway in nasopharyngeal carcinoma. <b>2021</b> , 12, 3398-3409	1
743	FTO overexpression inhibits apoptosis of hypoxia/reoxygenation-treated myocardial cells by regulating m6A modification of Mhrt. <b>2021</b> , 476, 2171-2179	17
742	Cooperative epithelial phagocytosis enables error correction in the early embryo. <b>2021</b> , 590, 618-623	15
741	METTL3-dependent mA modification programs T follicular helper cell differentiation. <b>2021</b> , 12, 1333	25
740	Leptin and curcumin affect renal ischemia-reperfusion injury via modulation of P65 and Bax genes expression. <b>2021</b> , 93, 51-58	1
739	Dihydrotestosterone regulates oestrogen secretion, oestrogen receptor expression, and apoptosis in granulosa cells during antral follicle development. <b>2021</b> , 207, 105819	2
738	Regulation of cardiomyocyte DNA damage and cell death by the type 2A protein phosphatase regulatory protein alpha4. <b>2021</b> , 11, 6293	
737	Alteration of lipid metabolism, autophagy, apoptosis and immune response in the liver of common carp ( <i>Cyprinus carpio</i> ) after long-term exposure to bisphenol A. <b>2021</b> , 211, 111923	7
736	A Novel Peptide Derived from Ginger Induces Apoptosis through the Modulation of p53, BAX, and BCL2 Expression in Leukemic Cell Lines. <b>2021</b> , 87, 560-569	4
735	NEK1 deficiency affects mitochondrial functions and the transcriptome of key DNA repair pathways. <b>2021</b> , 36, 223-236	0
734	Protective effect of fermented <i>Diospyros lotus</i> L. extracts against the high glucose-induced apoptosis of MIN6 cells. <b>2021</b> , 45, e13685	1
733	Effect of zinc chloride and sodium selenite supplementation on maturation, oxidative biomarkers, and gene expression in buffalo ( <i>Bubalus bubalis</i> ) oocytes. <b>2021</b> , 29, 393-400	0
732	Downregulation of ceramide synthase 1 promotes oral cancer through endoplasmic reticulum stress. <b>2021</b> , 13, 10	2
731	Potential Mechanism Underlying the Role of Mitochondria in Breast Cancer Drug Resistance and Its Related Treatment Prospects. <b>2021</b> , 11, 629614	4

730	Protective effects of peptide FK18 against neuro-excitotoxicity in SH-SY5Y cells. <b>2021</b> , 21, 451		2
729	Bag-1L Protects against Cell Apoptosis in an In Vitro Model of Lung Ischemia-Reperfusion Injury through the C-Terminal "Bag" Domain. <b>2021</b> , 2021, 8822807		1
728	Current concepts and clinical importance of glycemic variability. <b>2021</b> , 15, 627-636		2
727	Oxidative stress-mediated induction of pulmonary oncogenes, inflammatory, and apoptotic markers following time-course exposure to ethylene glycol monomethyl ether in rats. <b>2021</b> , 9, 100075		3
726	Concurrent diabetes and heart failure: interplay and novel therapeutic approaches. <b>2021</b> ,		4
725	The potential of proliferative and apoptotic parameters in clinical flow cytometry of myeloid malignancies. <b>2021</b> , 5, 2040-2052		2
724	Silymarin inhibits proliferation of human breast cancer cells via regulation of the MAPK signaling pathway and induction of apoptosis. <b>2021</b> , 21, 492		5
723	Nano Selenium-Enriched Probiotics as Functional Food Products against Cadmium Liver Toxicity. <b>2021</b> , 14,		4
722	Theabrownin Induces Cell Apoptosis and Cell Cycle Arrest of Oligodendroglioma and Astrocytoma in Different Pathways. <b>2021</b> , 12, 664003		4
721	Physcion and Physcion 8-O- $\beta$ -D-glucopyranoside: Natural Anthraquinones with Potential Anticancer Activities. <b>2021</b> , 22, 488-504		6
720	Design, Synthesis, Anticancer Evaluation, Enzymatic Assays, and a Molecular Modeling Study of Novel Pyrazole-Indole Hybrids. <b>2021</b> , 6, 12361-12374		11
719	Development of adamantane scaffold containing 1,3,4-thiadiazole derivatives: Design, synthesis, anti-proliferative activity and molecular docking study targeting EGFR. <b>2021</b> , 110, 104794		18
718	Computational Modeling as a Tool to Investigate PPI: From Drug Design to Tissue Engineering. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 681617	5.6	3
717	Resveratrol Protects Cardiac Tissue in Experimental Malignant Hypertension Due to Antioxidant, Anti-Inflammatory, and Anti-Apoptotic Properties. <b>2021</b> , 22,		2
716	Functional Food Product Based on Nanoselenium-Enriched Lactobacillus casei against Cadmium Kidney Toxicity. <b>2021</b> , 11, 4220		5
715	MicroRNA-122 overexpression promotes apoptosis and tumor suppressor gene expression induced by microcystin-leucine arginine in mouse liver. <b>2021</b> , 1-12		0
714	Mitophagy in Cerebral Ischemia and Ischemia/Reperfusion Injury. <b>2021</b> , 13, 687246		10
713	miR-29b suppresses proliferation and induces apoptosis of hepatocellular carcinoma ascites H22 cells via regulating TGF- $\beta$ and p53 signaling pathway. <b>2021</b> , 48,		3

712	Genetic Determinants for Bacterial Osteomyelitis: A Focused Systematic Review of Published Literature. <b>2021</b> , 12, 654792	1
711	A novel polyethylene glycol (PEG)-drug conjugate of Venetoclax, a Bcl-2 inhibitor, for treatment of acute myeloid leukemia (AML). <b>2021</b> , e1485	1
710	Quantitative measurement of Bax and Bcl2 genes and protein expression in MCF7 cell-line when treated by Aloe Vera extract. <b>2021</b> , 23, 101123	1
709	Applications of Constrained Helices. <b>2021</b> , 107-158	
708	Application of Ethanol Extracts From Fisch. ex Turcz in Hair Growth Promotion. <b>2021</b> , 9, 673314	0
707	Caffeic acid phenethyl ester mitigates cadmium-induced damage via the Hsa_circ_0010039/miR-661/Caspase9 axis-mediated apoptosis.	2
706	Adipose-derived stem cells therapy effectively attenuates PM-induced lung injury. <b>2021</b> , 12, 355	3
705	An Acceptor-Donor Structured Organic Chromophore for NIR Triggered Thermal Ablation of Tumor via DNA Damage-Mediated Apoptosis. <b>2021</b> , 16, 4901-4911	2
704	miR-146a-5p Promotes Chondrocyte Apoptosis and Inhibits Autophagy of Osteoarthritis by Targeting NUMB. <b>2021</b> , 19476035211023550	2
703	Physiological Functions of Mcl-1: Insights From Genetic Mouse Models. <b>2021</b> , 9, 704547	1
702	Inhibition of polo-like kinase 1 (PLK1) facilitates reactivation of gamma-herpesviruses and their elimination. <b>2021</b> , 17, e1009764	2
701	Design, synthesis, antiproliferative evaluation, and molecular docking study of new quinoxaline derivatives as apoptotic inducers and EGFR inhibitors. <b>2021</b> , 1236, 130317	20
700	Role of IL-37- and IL-37-Treated Dendritic Cells in Acute Coronary Syndrome. <b>2021</b> , 2021, 6454177	0
699	Nano-CuO causes cell damage through activation of dose-dependent autophagy and mitochondrial lncCyt b-AS/ND5-AS/ND6-AS in SH-SY5Y cells. <b>2022</b> , 32, 37-48	2
698	Identification of the Bcl-2 and Bax homologs from Rhipicephalus haemaphysaloides and their function in the degeneration of tick salivary glands. <b>2021</b> , 14, 386	
697	Anti-diabetic Effects of Berberis cretica Extract in INS-1E Cells.	0
696	Concerted hepatoprotective effect of bradykinin potentiating factor and low dose of $\beta$ radiation on envenomed rats Bax/Bcl2 pathway. <b>2022</b> , 32, 67-76	
695	Vitamin E and selenium supplementation synergistically alleviate the injury induced by hydrogen peroxide in bovine granulosa cells. <b>2021</b> , 170, 91-106	2



694	The conformational stability of pro-apoptotic BAX is dictated by discrete residues of the protein core. <b>2021</b> , 12, 4932	2
693	Discovery, development and application of drugs targeting BCL-2 pro-survival proteins in cancer. <b>2021</b> , 49, 2381-2395	2
692	Orexin-A Regulates Follicular Growth, Proliferation, Cell Cycle and Apoptosis in Mouse Primary Granulosa Cells via the AKT/ERK Signaling Pathway. <b>2021</b> , 26,	1
691	Phosphodiesterase-4D Knockdown in the Prefrontal Cortex Alleviates Memory Deficits and Synaptic Failure in Mouse Model of Alzheimer's Disease. <b>2021</b> , 13, 722580	3
690	Thymoquinone Crosstalks with DR5 to Sensitize TRAIL Resistance and Stimulate ROS-Mediated Cancer Apoptosis. <b>2021</b> , 22, 2855-2865	0
689	The effects of intrinsic apoptosis on cystogenesis in PKD1-deficient ADPKD pig model. <b>2021</b> , 798, 145792	0
688	Domestic cat embryos generated without zona pellucida are capable of developing in vitro but exhibit abnormal gene expression and a decreased implantation rate. <b>2021</b> , 174, 36-46	0
687	Expression and functional analysis of the BCL2-Associated agonist of cell death (BAD) gene in grass carp ( <i>Ctenopharyngodon idella</i> ) during bacterial infection. <b>2021</b> , 123, 104160	7
686	Apoptotik Yolaklar ve Hedefe Yönelik Tedaviler.	
685	In vitro assessment of an engineered tBID-based safety switch system in human T lymphocytes.	
684	Biosynthesis of Zinc Oxide Nanoparticles Using <i>Hertia intermedia</i> and Evaluation of its Cytotoxic and Antimicrobial Activities. <b>2021</b> , 11, 245-255	5
683	Apoptosis. 1	1
682	Cell death in the nervous system. <b>2006</b> , 557, 1-10	5
681	Modeling Signal Transduction Using P Systems. <b>2006</b> , 100-122	6
680	Cell survival signaling during apoptosis: implications in drug resistance and anti-cancer therapeutic development. <b>2005</b> , 63, 115-45	1
679	The Regulation of Apoptosis in Animal Cells. <b>1999</b> , 122-161	1
678	Inhibition of Apoptosis In Mammalian Cell Culture. <b>1999</b> , 162-185	5
677	BCL-2 family members and mitochondria. <b>2000</b> , 71-90	1

676	Current Endeavors for Enhancing Efficacy of Paclitaxel for Treatment of Glioblastoma. <b>2010</b> , 299-323	1
675	Permeabilization of the outer mitochondrial membrane by Bcl-2 proteins. <b>2010</b> , 677, 91-105	27
674	Targeting Survival Pathways in Lymphoma. <b>2010</b> , 79-96	8
673	The interplay between BCL-2 family proteins and mitochondrial morphology in the regulation of apoptosis. <b>2010</b> , 687, 97-114	48
672	Vascular Morphogenesis in the Mammary Gland: Introduction and Overview. <b>2001</b> , 3-24	1
671	Viral Encephalitis. <b>1999</b> , 295-323	1
670	Parkinson's Disease. <b>1999</b> , 459-475	7
669	Neuronal Cell Death in <i>C. elegans</i> . <b>1999</b> , 123-144	2
668	Potential Regulators of Physiological Cell Death in the Corpus Luteum. <b>1997</b> , 161-181	4
667	Synthetic Estrogen-Mediated Alterations in Uterine Cell Fate. <b>1997</b> , 272-291	1
666	Control of Apoptosis in the Uterus during Decidualization. <b>1997</b> , 48-66	2
665	Mast Cell Apoptosis and Its Regulation. <b>1999</b> , 85-94	1
664	Bcl-2 family proteins and the regulation of programmed cell death in leukemia and lymphoma. <b>1996</b> , 84, 31-72	29
663	Apoptosis and cancer chemotherapy. <b>1996</b> , 87, 345-56	14
662	Molecular Pathology of Squamous Carcinomas of the Esophagus. <b>2013</b> , 53-66	2
661	Bcl-2 Family and Their Therapeutic Potential. <b>2014</b> , 61-96	3
660	Neuronal survival and cell death signaling pathways. <b>2002</b> , 513, 41-86	40
659	The PITSLRE protein kinase family. <b>1995</b> , 1, 329-38	22

658	Cell cycle-related protein kinases and T cell death. <b>1995</b> , 376, 247-58	3
657	Two distinct modes of oncoprotein expression during apoptosis resistance in vincristine and daunorubicin multidrug-resistant HL60 cells. <b>1999</b> , 457, 365-81	11
656	Recent insights into the molecular basis of intrinsic resistance of colorectal cancer: new challenges for systemic therapeutic approaches. <b>1998</b> , 98, 293-338	2
655	Mammalian bcl-2 family genes. <b>1998</b> , 37-84	2
654	Dietary indole derivatives induce apoptosis in human breast cancer cells. <b>1998</b> , 451, 153-7	11
653	DNA damage checkpoints: implications for cancer therapy. <b>1996</b> , 2, 165-73	46
652	Cellular responses to antimetabolite anticancer agents: cytostasis versus cytotoxicity. <b>1996</b> , 2, 175-85	8
651	Apoptosis/Programmed Cell Death. <b>1996</b> , 1-9	6
650	StructureFunction Analysis of Bcl-2 Family Proteins. <b>1996</b> , 99-112	149
649	Autoimmunity due to defective Nur77, Fas, and TNF-RI apoptosis. <b>1996</b> , 406, 241-62	3
648	The Epstein-Barr virus gene BHRF1, a homologue of the cellular oncogene Bcl-2, inhibits apoptosis induced by gamma radiation and chemotherapeutic drugs. <b>1996</b> , 406, 83-97	32
647	The Molecular Basis of Breast Carcinogenesis. <b>2002</b> , 347-363	2
646	Apoptosis and Alzheimer's Disease. <b>1997</b> , 57-71	2
645	Stroke. <b>1997</b> , 1-30	2
644	Oncogenes and Mammary Carcinogenesis. <b>1999</b> , 93-108	1
643	Thymineless Death. <b>1999</b> , 423-435	2
642	Physiology of Natriuretic Peptides and Their Receptors. <b>2007</b> , 277-305	1
641	Cellular Signaling and Polyamines in the Control of Apoptosis in Intestinal Epithelial Cells. <b>2006</b> , 233-248	1

640	Signaling events controlling the molecular response to genotoxic stress. <b>1996</b> , 77, 273-88	40
639	The death receptors. <b>1999</b> , 23, 25-63	59
638	Prevention of neuronal cell death by Bcl-2. <b>1998</b> , 24, 137-55	6
637	Reactive Oxygen Species and Apoptosis. <b>2014</b> , 113-135	5
636	Role of Epstein-Barr virus in Burkitt's lymphoma. <b>2001</b> , 258, 141-51	33
635	B-cell antigen receptor signaling in immature-stage B cells: integrating intrinsic and extrinsic signals. <b>2000</b> , 245, 1-29	36
634	Cell Death. <b>1997</b> , 211-244	12
633	Apoptosis: molecular regulation of cell death. <b>1996</b> , 19-44	3
632	Defective apoptosis due to Bcl-2 overexpression may explain why B-CLL cells accumulate in G0. <b>1995</b> , 194, 307-12	18
631	Heterodimerization with Bax is required for Bcl-2 to repress cell death. <b>1995</b> , 194, 331-8	47
630	Bcl-2 and Bcl-2-related proteins in apoptosis regulation. <b>1995</b> , 200, 107-21	141
629	Functional similarity between adenovirus E1B 19-kDa protein and proteins encoded by Bcl-2 proto-oncogene and Epstein-Barr virus BHRF1 gene. <b>1995</b> , 199 ( Pt 1), 153-61	8
628	Follicular dendritic cells: origin and function. <b>1995</b> , 201, 15-47	39
627	Mechanisms of genetic control of murine systemic lupus erythematosus. <b>1995</b> , 3-22	1
626	bcl-2: antidote for cell death. <b>1996</b> , 16, 72-86	2
625	Oxidative Stress in Neuronal Death and Apoptosis. <b>1997</b> , 39-82	4
624	Role of anti-apoptotic Bcl-2 protein in spinal muscular atrophy. <b>2000</b> , 41-52	2
623	Apoptosis in neurodegenerative disorders: potential for therapy by modifying gene transcription. <b>1997</b> , 49, 245-68	32

622	Anti-Fas Antibody Induces Apoptosis in Cultured Glioma Cells by Activation of the SpHINGOMYELIN Pathway. <b>1996</b> , 283-291	1
621	Yeast aging and apoptosis. <b>2012</b> , 57, 207-32	14
620	Aging in Sponges. <b>2003</b> , 79-98	1
619	Apoptosis in the Gastrointestinal Tract. <b>2006</b> , 345-373	5
618	Types of Age-Related Brain Lesions and Relationship to Neuropathologic Diagnostic Systems of Alzheimer's Disease. <b>2001</b> , 65-76	2
617	Apoptosis and hepatocarcinogenesis. <b>1995</b> , 141-178	23
616	Tumors of the surface epithelium. <b>2012</b> , 1076-1149	10
615	Assembly of Bcl-2 into microsomal and outer mitochondrial membranes. <b>1994</b> , 269, 9842-9849	88
614	A family of glycolipids from <i>Toxoplasma gondii</i> . Identification of candidate glycolipid precursor(s) for <i>Toxoplasma gondii</i> glycosylphosphatidylinositol membrane anchors.. <b>1992</b> , 267, 11721-11728	37
613	Targeting of Bcl-2 to the mitochondrial outer membrane by a COOH-terminal signal anchor sequence.. <b>1993</b> , 268, 25265-25268	277
612	Role of membrane anchor domain of Bcl-2 in suppression of apoptosis caused by E1B-defective adenovirus. <b>1994</b> , 269, 16521-16524	136
611	Curcumin protects rat hippocampal neurons against pseudorabies virus by regulating the BDNF/TrkB pathway. <b>2020</b> , 10, 22204	9
610	Induction of apoptotic death in cells via Bad gene expression by infectious pancreatic necrosis virus infection.	1
609	Expression of p53, bcl-2, and bax as predictors of response to radiotherapy in esophageal cancer. <b>2000</b> , 13, 185-90	8
608	Expression of TRAIL (TNF-related apoptosis-inducing ligand) receptors in cervical cancer. <b>2000</b> , 10, 417-424	21
607	Bcl-2 prevents CD95 (Fas/APO-1)-induced degradation of lamin B and poly(ADP-ribose) polymerase and restores the NF-kappaB signaling pathway. <b>1996</b> , 271, 30354-9	86
606	Defects in the ubiquitin pathway induce caspase-independent apoptosis blocked by Bcl-2. <b>1998</b> , 273, 6121-31	87
605	The mutation rate and cancer. <b>1998</b> , 148, 1483-90	164

604	Expression of bcl-2 and p53 in Merkel cell carcinoma. An immunohistochemical study. <b>1996</b> , 18, 273-7	53
603	Expression of bcl-2 in lichen planus, acute graft-versus-host disease, and erythema multiforme. <b>1997</b> , 19, 46-51	9
602	Apoptosis in the pathogenesis of cutaneous lupus erythematosus. <b>1998</b> , 20, 233-41	52
601	Moderate activation of the apoptosis inhibitor bcl-xL worsens the prognosis in pancreatic cancer. <b>1998</b> , 228, 780-7	87
600	Li-Fraumeni syndrome and the role of the p53 tumor suppressor gene in cancer susceptibility. <b>1998</b> , 41, 172-99	26
599	Synergistic Cytotoxicity and Apoptosis of JTE-522, a Selective Cyclooxygenase-2 Inhibitor, and 5-fluorouracil Against Bladder Cancer. <b>2002</b> , 2650-2654	1
598	Apoptosis in the human female reproductive tract. <b>1996</b> , 51, 314-23	37
597	Programmed cell death. <b>1998</b> , 66, 681-91	53
596	FK506 markedly enhances apoptosis of antigen-stimulated peripheral T cells by down-regulation of Bcl-xL. <b>1999</b> , 68, 1018-23	21
595	In Vivo Patterns of Apoptosis-Regulating Protein Expression in Kaposi's Sarcoma. <b>1997</b> , 5, 104-110	3
594	Vaccinia virus induces apoptosis of infected macrophages. <b>2002</b> , 83, 2821-2832	42
593	Triterpenoids from the leaves of <i>Dendropanax morbifera</i> L'Veille and its cytotoxic activity toward breast MCF-7 and lung A549 cancer cells. <b>2018</b> , 25, 471-481	1
592	Exposure to maternal obesity per se programs sex-differences in pancreatic islets of the offspring.	1
591	Role of Nr13 in regulation of programmed cell death in the bursa of Fabricius. <b>1999</b> , 13, 718-28	38
590	PERP, an apoptosis-associated target of p53, is a novel member of the PMP-22/gas3 family. <b>2000</b> , 14, 704-718	165
589	Death and survival signals determine active/inactive conformations of pro-apoptotic BAX, BAD, and BID molecules. <b>1999</b> , 64, 343-50	45
588	Control of apoptosis in hematopoietic cells by the Bcl-2 family of proteins. <b>1999</b> , 64, 351-8	25
587	DNA-damage-induced checkpoint pathways in the nematode <i>Caenorhabditis elegans</i> . <b>2000</b> , 65, 467-73	17

586	Expression of bcl-2 antagonist bak in inflammatory and neoplastic skin diseases. <b>1997</b> , 137, 703-708	12
585	Introduction to DNA Tumor Viruses: Adenovirus, Simian Virus 40, and Polyomavirus. 51-86	9
584	Effects of mycobacteria on regulation of apoptosis in mononuclear phagocytes. <b>1997</b> , 65, 5272-8	98
583	Regulation of macrophage gene expression by <i>Mycobacterium tuberculosis</i> : down-regulation of mitochondrial cytochrome c oxidase. <b>1998</b> , 66, 3952-8	22
582	Functional complementation of the adenovirus E1B 19-kilodalton protein with Bcl-2 in the inhibition of apoptosis in infected cells. <b>1994</b> , 68, 6553-66	175
581	Human cytomegalovirus IE1 and IE2 proteins block apoptosis. <b>1995</b> , 69, 7960-70	353
580	Epstein-Barr virus latent membrane protein 1 blocks p53-mediated apoptosis through the induction of the A20 gene. <b>1996</b> , 70, 8653-9	198
579	Open reading frame 5 of porcine reproductive and respiratory syndrome virus as a cause of virus-induced apoptosis. <b>1996</b> , 70, 2876-82	99
578	bc1-2 expression facilitates human immunodeficiency virus type-1 mediated cytopathic effects during acute spreading infections. <b>1996</b> , 70, 4617-22	34
577	An African swine fever virus Bc1-2 homolog, 5-HL, suppresses apoptotic cell death. <b>1996</b> , 70, 4858-63	77
576	Identification of a novel antiapoptotic protein, GAM-1, encoded by the CELO adenovirus. <b>1997</b> , 71, 3168-77	48
575	Apoptosis plays an important role in experimental rabies virus infection. <b>1997</b> , 71, 5603-7	74
574	Effect of enforced expression of human bcl-2 on Japanese encephalitis virus-induced apoptosis in cultured cells. <b>1997</b> , 71, 5963-71	81
573	Protection against fatal Sindbis virus encephalitis by beclin, a novel Bcl-2-interacting protein. <b>1998</b> , 72, 8586-96	871
572	Oncogenic role of Epstein-Barr virus-encoded RNAs in Burkitt's lymphoma cell line Akata. <b>1999</b> , 73, 9827-31	199
571	Differentiation of M1 myeloid precursor cells into macrophages results in binding and infection by Theiler's murine encephalomyelitis virus and apoptosis. <b>1999</b> , 73, 3227-35	43
570	Control of cell cycle entry and apoptosis in B lymphocytes infected by Epstein-Barr virus. <b>1999</b> , 73, 4678-88	57
569	Deregulated expression of E2F-1 induces S-phase entry and leads to apoptosis. <b>1994</b> , 14, 8166-8173	194

568	Bax translocates from cytosol to mitochondria in cardiac cells during apoptosis: development of a GFP-Bax-stable H9c2 cell line for apoptosis analysis. <b>2005</b> , 289, H477-87	39
567	Expression of bcl-2 protein, an inhibitor of apoptosis, and Bax, an accelerator of apoptosis, in ventricular myocytes of human hearts with myocardial infarction. <b>1996</b> , 94, 1506-12	260
566	Life and death in the cardiovascular system. <b>1997</b> , 95, 782-6	32
565	The bcl-2 gene product prevents programmed cell death of ventricular myocytes. <b>1997</b> , 96, 1580-5	148
564	Is the regulation of apoptosis altered in smooth muscle cells of adult spontaneously hypertensive rats?. <b>1997</b> , 29, 776-80	31
563	Malignant transformation of oral lichen planus and related genetic factors. <b>2020</b> , 45, 1-7	1
562	Myocardial protection by nanomaterials formulated with CHIR99021 and FGF1. <b>2020</b> , 5,	10
561	Splenic B lymphocyte programmed cell death is prevented by nitric oxide release through mechanisms involving sustained Bcl-2 levels. <b>1995</b> , 95, 1884-90	258
560	Overexpression of the death-promoting gene bax-alpha which is downregulated in breast cancer restores sensitivity to different apoptotic stimuli and reduces tumor growth in SCID mice. <b>1996</b> , 97, 2651-9	146
559	Suppression of p53 activity and p21WAF1/CIP1 expression by vascular cell integrin alphaVbeta3 during angiogenesis. <b>1996</b> , 98, 426-33	297
558	The PAX2 transcription factor is expressed in cystic and hyperproliferative dysplastic epithelia in human kidney malformations. <b>1996</b> , 98, 451-9	126
557	Synergistic decrease of clonal proliferation, induction of differentiation, and apoptosis of acute promyelocytic leukemia cells after combined treatment with novel 20-epi vitamin D3 analogs and 9-cis retinoic acid. <b>1997</b> , 99, 349-60	55
556	Inhibition of T cell apoptosis in the rheumatoid synovium. <b>1997</b> , 99, 439-46	215
555	Transcriptional control in keratinocytes and fibroblasts using synthetic ligands. <b>1997</b> , 99, 2610-5	12
554	Cardiac-specific disruption of the c-raf-1 gene induces cardiac dysfunction and apoptosis. <b>2004</b> , 114, 937-943	138
553	Cardiac-specific disruption of the c-raf-1 gene induces cardiac dysfunction and apoptosis. <b>2004</b> , 114, 937-43	80
552	Bcl-2 and Bcl-XL serve an anti-inflammatory function in endothelial cells through inhibition of NF-kappaB. <b>1999</b> , 103, 543-53	143
551	Pharmacological manipulation of Bcl-2 family members to control cell death. <b>2005</b> , 115, 2648-55	96



550	Thrombopoietin Upregulates the Promoter Conformation of p53 in a Proliferation-Independent Manner Coincident With a Decreased Expression of Bax: Potential Mechanisms for Survival Enhancing Effects. <i>Blood</i> , <b>1997</b> , 90, 4394-4402	2.2	1
549	Mitochondrial Antisense RNA for Cytochrome C Oxidase (MARCO) Can Induce Morphologic Changes and Cell Death in Human Hematopoietic Cell Lines. <i>Blood</i> , <b>1997</b> , 90, 4567-4577	2.2	22
548	Mitochondrial Antisense RNA for Cytochrome C Oxidase (MARCO) Can Induce Morphologic Changes and Cell Death in Human Hematopoietic Cell Lines. <i>Blood</i> , <b>1997</b> , 90, 4567-4577	2.2	2
547	The Roles of Bcl-XL and Apopain in the Control of Erythropoiesis by Erythropoietin. <i>Blood</i> , <b>1997</b> , 90, 630-640	2.2	9
546	Modulation of Bcl-2 Protein by CD4 Cross-Linking: A Possible Mechanism for Lymphocyte Apoptosis in Human Immunodeficiency Virus Infection and for Rescue of Apoptosis by Interleukin-2. <i>Blood</i> , <b>1997</b> , 90, 745-753	2.2	17
545	Upregulation of the Elongation Factor-1 Gene by p53 in Association With Death of an Erythroleukemic Cell Line. <i>Blood</i> , <b>1997</b> , 90, 1373-1378	2.2	2
544	Unbalanced Expression of Bcl-2 Family Proteins in Follicular Lymphoma: Contribution of CD40 Signaling in Promoting Survival. <i>Blood</i> , <b>1998</b> , 91, 244-251	2.2	7
543	Elevated Expression of the Apoptotic Regulator Mcl-1 at the Time of Leukemic Relapse. <i>Blood</i> , <b>1998</b> , 91, 991-1000	2.2	218
542	Gene Expression by Single Reed-Sternberg Cells: Pathways of Apoptosis and Activation. <i>Blood</i> , <b>1998</b> , 91, 2443-2451	2.2	4
541	Role for Bcl-xL in Delayed Eosinophil Apoptosis Mediated by Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-5. <i>Blood</i> , <b>1998</b> , 92, 778-783	2.2	9
540	Apoptotic Regulation in Primitive Hematopoietic Precursors. <i>Blood</i> , <b>1998</b> , 92, 2041-2052	2.2	2
539	Fas/APO-1 (CD95) Mediated Apoptosis Is Activated by Interferon- $\beta$ and Interferon- $\gamma$ in Interleukin-6 (IL-6) Dependent and IL-6 Independent Multiple Myeloma Cell Lines. <i>Blood</i> , <b>1998</b> , 92, 2914-2923	2.2	4
538	Subcellular Distribution and Redistribution of Bcl-2 Family Proteins in Human Leukemia Cells Undergoing Apoptosis. <i>Blood</i> , <b>1999</b> , 93, 2353-2359	2.2	6
537	Increased BAX Expression Is Associated With an Increased Risk of Relapse in Childhood Acute Lymphocytic Leukemia. <i>Blood</i> , <b>1999</b> , 93, 2671-2678	2.2	6
536	E1B4+ Adenoviral Gene Transfer Vectors Function as a Pro-Life Signal to Promote Survival of Primary Human Endothelial Cells. <i>Blood</i> , <b>1999</b> , 93, 2936-2944	2.2	18
535	Correlation of Bcl-2 Rearrangement With Clinical Characteristics and Outcome in Indolent Follicular Lymphoma. <i>Blood</i> , <b>1999</b> , 93, 3081-3087	2.2	7
534	Bcl-XL and Bax-Mediated Regulation of Apoptosis of Human Neutrophils Via Caspase-3. <i>Blood</i> , <b>1999</b> , 93, 3106-3115	2.2	47
533	Expression of the Death Gene Bik/Nbk Promotes Sensitivity to Drug-Induced Apoptosis in Corticosteroid-Resistant T-Cell Lymphoma and Prevents Tumor Growth in Severe Combined Immunodeficient Mice. <i>Blood</i> , <b>1999</b> , 94, 1100-1107	2.2	40

532	Peripheral Blood T Cells Generated After Allogeneic Bone Marrow Transplantation: Lower Levels of Bcl-2 Protein and Enhanced Sensitivity to Spontaneous and CD95-Mediated Apoptosis In Vitro. Abrogation of the Apoptotic Phenotype Coincides With the Recovery of Normal Naive/Primed T-Cell Profiles. <i>Blood</i> , <b>1999</b> , 94, 1803-1813.	2.2	2
531	Inhibition of in vitro spontaneous apoptosis by IL-7 correlates with Bcl-2 up-regulation, cortical/mature immunophenotype, and better early cyto-reduction of childhood T-cell acute lymphoblastic leukemia. <i>Blood</i> , <b>2000</b> , 96, 297-306	2.2	1
530	BCL-2 family expression in human neutrophils during delayed and accelerated apoptosis. <b>2001</b> , 70, 783-792		58
529	Engagement of $\alpha 5 \beta 1$ integrin by fibronectin induces in vitro resistance of B chronic lymphocytic leukemia cells to fludarabine. <b>2002</b> , 71, 495-502		17
528	Modulation of Cell Signal Transduction by Tea and Ginger. <b>2008</b> ,		1
527	Effects of hypothermia on hypoxia-induced apoptosis in cultured neurons from developing rat forebrain: comparison with preconditioning. <b>2000</b> , 47, 385-91		67
526	Apoptosis Occurs after Cerebral Contusions in Humans. <b>2000</b> , 46, 949-956		41
525	bcl-2 protein expression is widespread in the developing nervous system and retained in the adult PNS. <b>1994</b> , 120, 301-311		309
524	Anti-apoptosis and anti-engulfment: monoclonal antibodies reveal specific antigens on apoptotic and engulfment cells during chicken embryonic development. <b>1994</b> , 120, 1421-1431		19
523	Programmed cell death is affected in the novel mouse mutant Fused toes (Ft). <b>1994</b> , 120, 2601-2607		97
522	Establishment of Drosophila imaginal precursor cells is controlled by the Arrowhead gene. <b>1995</b> , 121, 3819-3828		29
521	Apoptosis in the terminal endbud of the murine mammary gland: a mechanism of ductal morphogenesis. <b>1996</b> , 122, 4013-4022		171
520	Bax promotes neuronal survival and antagonises the survival effects of neurotrophic factors. <b>1996</b> , 122, 695-701		68
519	Inhibition of testicular germ cell apoptosis and differentiation in mice misexpressing Bcl-2 in spermatogonia. <b>1996</b> , 122, 1703-1709		163
518	Bax promotes neuronal cell death and is downregulated during the development of the nervous system. <b>1997</b> , 124, 1239-1249		157
517	Conditional deletion of the Bcl-x gene from erythroid cells results in hemolytic anemia and profound splenomegaly. <b>2000</b> , 127, 4949-4958		151
516	Differential expression of bcl-2 in intestinal epithelia. Correlation with attenuation of apoptosis in colonic crypts and the incidence of colonic neoplasia. <b>1995</b> , 108, 2261-2271		217
515	Developmental regulation of Bcl-2 family protein expression in the involuting mammary gland. <b>1999</b> , 112, 1771-1783		68

514	Wild-type, mitochondrial and ER-restricted Bcl-2 inhibit DNA damage-induced apoptosis but do not affect death receptor-induced apoptosis. <b>2001</b> , 114, 4161-4172		83
513	Low-energy laser irradiation promotes the survival and cell cycle entry of skeletal muscle satellite cells. <b>2002</b> , 115, 1461-1469		128
512	Mycotoxin alpha-zearalenol impairs the quality of preimplantation porcine embryos. <b>2012</b> , 58, 338-43		13
511	Role of Paeonol in an Astrocyte Model of Parkinson's Disease. <b>2017</b> , 23, 4740-4748		7
510	Anti-Proliferative Effect of Wogonin on Ovary Cancer Cells Involves Activation of Apoptosis and Cell Cycle Arrest. <b>2019</b> , 25, 8465-8471		5
509	Alteration of Apoptosis during Differentiation in Human Dental Pulp-Derived Mesenchymal Stem Cell. <b>2019</b> , 34, 2-9		3
508	Effect of Samhwangsasim-tang and Daehwanghwangryunsasim-tang on Palmitate-induced Lipogenesis in HepG2 cells. <b>2016</b> , 37, 62-76		2
507	Downregulation of uPAR and cathepsin B induces apoptosis via regulation of Bcl-2 and Bax and inhibition of the PI3K/Akt pathway in gliomas. <i>PLoS ONE</i> , <b>2010</b> , 5, e13731	3.7	71
506	Chlorpromazine protects against apoptosis induced by exogenous stimuli in the developing rat brain. <i>PLoS ONE</i> , <b>2011</b> , 6, e21966	3.7	11
505	Brimonidine blocks glutamate excitotoxicity-induced oxidative stress and preserves mitochondrial transcription factor a in ischemic retinal injury. <i>PLoS ONE</i> , <b>2012</b> , 7, e47098	3.7	52
504	Cellular and molecular mechanisms underlie the anti-tumor activities exerted by Walterinnesia aegyptia venom combined with silica nanoparticles against multiple myeloma cancer cell types. <i>PLoS ONE</i> , <b>2012</b> , 7, e51661	3.7	12
503	Estrogen inhibits renal cell carcinoma cell progression through estrogen receptor- $\alpha$ activation. <i>PLoS ONE</i> , <b>2013</b> , 8, e56667	3.7	78
502	Simvastatin inhibits renal cancer cell growth and metastasis via AKT/mTOR, ERK and JAK2/STAT3 pathway. <i>PLoS ONE</i> , <b>2013</b> , 8, e62823	3.7	101
501	Down-regulation of nicotinamide N-methyltransferase induces apoptosis in human breast cancer cells via the mitochondria-mediated pathway. <i>PLoS ONE</i> , <b>2014</b> , 9, e89202	3.7	40
500	Grape seed proanthocyanidins (GSPs) inhibit the growth of cervical cancer by inducing apoptosis mediated by the mitochondrial pathway. <i>PLoS ONE</i> , <b>2014</b> , 9, e107045	3.7	26
499	Functions of MiRNA-128 on the regulation of head and neck squamous cell carcinoma growth and apoptosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116321	3.7	30
498	Remifentanyl protects human keratinocytes against hypoxia-reoxygenation injury through activation of autophagy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116982	3.7	12
497	Dietary Vitamin D3 Restriction Exacerbates Disease Pathophysiology in the Spinal Cord of the G93A Mouse Model of Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126355	3.7	9

496	Lead Induces Apoptosis and Histone Hyperacetylation in Rat Cardiovascular Tissues. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129091	3-7	28
495	<i>E. adenophorum</i> Induces Cell Cycle and Apoptosis of Renal Cells through Mitochondrial Pathway and Caspase Activation in Saanen Goat. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138504	3-7	13
494	N-Acetyl Cysteine Depletes Reactive Oxygen Species and Prevents Dental Monomer-Induced Intrinsic Mitochondrial Apoptosis In Vitro in Human Dental Pulp Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147858	3-7	34
493	Protein-Bound Polysaccharide from <i>Corbicula fluminea</i> Inhibits Cell Growth in MCF-7 and MDA-MB-231 Human Breast Cancer Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167889	3-7	16
492	Attenuation of sepsis-induced apoptosis by heat shock pretreatment in rats. <b>2000</b> , 5, 188-95		17
491	Apoptotic Machinery: The Bcl-2 Family Proteins in the Role of Inspectors and Superintendents. <b>2006</b> , 49, 13-18		6
490	Quantitative analysis of expression level of BCL2 and BAX genes in Hep-2 and HL-60 cells after treatment with etoposide. <b>2008</b> , 51, 191-5		3
489	Monthly Updates: Monthly Update Biologicals & Immunologicals: Progress in the development of antisense drugs. <b>1996</b> , 5, 1047-1052		2
488	Ghrelin Administration Increases the Bax/Bcl-2 Gene Expression Ratio in the Heart of Chronic Hypoxic Rats. <b>2015</b> , 5, 195-9		15
487	Cryopreservation of Human Wharton's Jelly-derived Mesenchymal Stem Cells Following Controlled Rate Freezing Protocol Using Different Cryoprotectants; A Comparative Study. <b>2015</b> , 8, 155-69		24
486	Apoptosis regulation in adrenocortical carcinoma. <b>2019</b> , 8, R91-R104		4
485	Ginsenoside Rg3 Induces Apoptosis of Human Breast Cancer (MDA-MB-231) Cells. <b>2013</b> , 18, 177-85		45
484	Up-regulated miR-106b inhibits ox-LDL-induced endothelial cell apoptosis in atherosclerosis. <b>2020</b> , 53, e8960		5
483	Mitochondria, calcium and pro-apoptotic proteins as mediators in cell death signaling. <b>2003</b> , 36, 183-90		97
482	Relationship between expression of Bcl-2 genes and growth factors in ischemic acute renal failure in the rat. <b>2000</b> , 11, 454-467		154
481	Expression of apoptosis-related genes and proteins in experimental chronic renal scarring. <b>2001</b> , 12, 275-288		51
480	Role of p53-dependent activation of caspases in chronic obstructive uropathy: evidence from p53 null mutant mice. <b>2001</b> , 12, 983-992		25
479	Neuroprotective effect of <i>Azadirachta indica</i> standardized extract in partial sciatic nerve injury in rats: Evidence from anti-inflammatory, antioxidant and anti-apoptotic studies. <b>2017</b> , 16, 546-565		9

478	Tumor suppressive function of microRNA-192 in acute lymphoblastic leukemia. <b>2017</b> , 17, 248-254	18
477	BCL-2 family isoforms in apoptosis and cancer. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 9.8	1
476	A molecular signature of normal breast epithelial and stromal cells from Li-Fraumeni syndrome mutation carriers. <b>2010</b> , 1, 405-22	22
475	The trans-membrane domain of Bcl-2 but not its hydrophobic cleft, is a critical determinant for efficient IP3 receptor inhibition. <b>2016</b> , 7, 55704-55720	28
474	Mcl-1 regulates reactive oxygen species via NOX4 during chemotherapy-induced senescence. <b>2017</b> , 8, 28154-28168	17
473	A molecular signature of normal breast epithelial and stromal cells from Li-Fraumeni syndrome mutation carriers. <b>2010</b> , 1, 405-422	27
472	Mcl-1 inhibitor suppresses tumor growth of esophageal squamous cell carcinoma in a mouse model. <b>2017</b> , 8, 114457-114462	10
471	MicroRNA-21 inhibits mitochondria-mediated apoptosis in keloid. <b>2017</b> , 8, 92914-92925	24
470	Chorein addiction in VPS13A overexpressing rhabdomyosarcoma cells. <b>2015</b> , 6, 10309-19	16
469	Epigenetic inactivation of the candidate tumor suppressor gene ASC/TMS1 in human renal cell carcinoma and its role as a potential therapeutic target. <b>2015</b> , 6, 22706-23	20
468	Crocetin acid inhibits hedgehog signaling to inhibit pancreatic cancer stem cells. <b>2015</b> , 6, 27661-73	48
467	Combination of gemcitabine-containing magnetoliposome and oxaliplatin-containing magnetoliposome in breast cancer treatment: A possible mechanism with potential for clinical application. <b>2016</b> , 7, 43762-43778	12
466	The Effect of Resveratrol on Neurodegenerative Disorders: Possible Protective Actions Against Autophagy, Apoptosis, Inflammation and Oxidative Stress. <b>2019</b> , 25, 2178-2191	21
465	AMPK and its Activator Berberine in the Treatment of Neurodegenerative Diseases. <b>2020</b> , 26, 5054-5066	9
464	Inhibition of Histone Deacetylase 6 Protects Hippocampal Cells Against Mitochondria-mediated Apoptosis in a Model of Severe Oxygen-glucose Deprivation. <b>2019</b> , 19, 673-682	5
463	4t-CHQ a Spiro-Quinazolinone Benzenesulfonamide Derivative Induces G/G Cell Cycle arrest and Triggers Apoptosis Through Down-Regulation of Survivin and Bcl2 in the Leukemia Stem-Like KG1-a Cells. <b>2019</b> , 19, 1340-1349	5
462	Camel whey protein enhances lymphocyte survival by modulating the expression of survivin, bim/bax, and cytochrome C and restores heat stress-mediated pathological alteration in lymphoid organs. <b>2018</b> , 21, 896-904	2
461	[Bcl-2 and Bax protein interaction in B-lymphocytes of peripheral blood in patients with chronic lymphocytic leukemia]. <b>2005</b> , 62, 357-63	5

460	Capsaicin induced apoptosis and the enhanced anticancer effect of anticancer drugs in cancer cells. <b>2008</b> , 51, 307	4
459	[Comparative study of kidney-tonifying recipes and spleen-invigorating recipe on regulating pattern of the expression of T lymphocyte apoptosis signaling-related genes in corticosterone-treated rats]. <b>2004</b> , 2, 346-9	1
458	[Effects of matrine on proliferation and apoptosis of human renal cell carcinoma cell line GRC-1]. <b>2006</b> , 4, 388-91	2
457	Chemopreventive Effects of Elm Tree Root Extract on Colonic Aberrant Crypt Foci Induced by 1,2-Dimethylhydrazine in F344 Rats. <b>2008</b> , 13, 157-165	2
456	Effect of Angelica keiskei Extract on Apoptosis of MDA-MB-231 Human Breast Cancer Cells. <b>2011</b> , 40, 1654-1661	8
455	The Effect of Red Cabbage ( <i>Brassica oleracea</i> L. var. capitata f. rubra) Extract on the Apoptosis in Human Breast Cancer MDA-MB-231 Cells. <b>2013</b> , 42, 8-16	6
454	Methanol Extract of <i>Cassia mimosoides</i> var. <i>nomame</i> Attenuates Myocardial Injury by Inhibition of Apoptosis in a Rat Model of Ischemia-Reperfusion. <b>2012</b> , 17, 177-83	11
453	Role of sex steroid receptors in pathobiology of hepatocellular carcinoma. <b>2008</b> , 14, 5945-61	99
452	Inhibitory effect of acetylshikonin on human gastric carcinoma cell line SGC-7901 in vitro and in vivo. <b>2009</b> , 15, 1816-20	25
451	Effects of p53 on apoptosis and proliferation of hepatocellular carcinoma cells treated with transcatheter arterial chemoembolization. <b>2004</b> , 10, 190-4	17
450	Detection of bcl-2 and bax expression and bcl-2/JH fusion gene in intrahepatic cholangiocarcinoma. <b>2004</b> , 10, 3251-4	7
449	Mechanisms of acupuncture and moxibustion in regulation of epithelial cell apoptosis in rat ulcerative colitis. <b>2004</b> , 10, 682-8	29
448	Growth arrest and apoptosis of human hepatocellular carcinoma cells induced by hexamethylene bisacetamide. <b>2004</b> , 10, 954-8	3
447	Clinicopathological significance of Bcl-2 and Bax protein expression in human pancreatic cancer. <b>2005</b> , 11, 2744-7	16
446	Dynamic expression of apoptosis-related genes during development of laboratory hepatocellular carcinoma and its relation to apoptosis. <b>2005</b> , 11, 4740-4	43
445	Effect of pseudolaric acid B on gastric cancer cells: inhibition of proliferation and induction of apoptosis. <b>2005</b> , 11, 7555-9	15
444	Alanyl-glutamine dipeptide inhibits hepatic ischemia-reperfusion injury in rats. <b>2006</b> , 12, 1373-8	24
443	Overexpression of Dickkopf-3 induces apoptosis through mitochondrial pathway in human colon cancer. <b>2012</b> , 18, 1590-601	24

442	Protection of ghrelin postconditioning on hypoxia/reoxygenation in gastric epithelial cells. <b>2012</b> , 18, 5377-88	3
441	Role of T cell death in maintaining immune tolerance during persistent viral hepatitis. <b>2013</b> , 19, 1877-89	8
440	Expression and significance of proapoptotic gene Bax in gastric carcinoma. <b>1999</b> , 5, 15-17	23
439	Effect of arsenic trioxide on human hepatoma cell line BEL-7402 cultured in vitro. <b>2000</b> , 6, 681-687	18
438	Early apoptosis in intestinal and diffuse gastric carcinomas. <b>2000</b> , 6, 898-901	14
437	Involvement of apoptosis of alveolar epithelial cells in acute pancreatitis-associated lung injury. <b>2000</b> , 6, 920-924	16
436	Anti-Aging Effect of Nigella Sativa Fixed Oil on D-Galactose-Induced Aging in Mice. <b>2017</b> , 20, 29-35	25
435	Erythropoietin attenuates hyperoxia-induced lung injury by upregulating epidermal growth factor-like domain 7 in newborn rats. <b>2017</b> , 6, 32-38	9
434	Paeoniflorin exerts neuroprotective effects against glutamate-induced PC12 cellular cytotoxicity by inhibiting apoptosis. <b>2017</b> , 40, 825-833	25
433	Melatonin attenuates the inflammatory response via inhibiting the C/EBP homologous protein-mediated pathway in taurocholate-induced acute pancreatitis. <b>2018</b> , 42, 3513-3521	4
432	Cadmium chloride enhances cisplatin sensitivity in osteosarcoma cells by reducing FOXM1 expression. <b>2020</b> , 44, 650-660	1
431	DNA ploidy and proliferative activity in bcl-2 expressed non-small cell lung cancer. <b>1996</b> , 11, 101-7	4
430	The relationship between cisplatin-induced apoptosis and p53, bcl-2 and bax expression in human lung cancer cells. <b>1999</b> , 14, 42-52	23
429	Combination of carboplatin and intermittent normobaric hyperoxia synergistically suppresses benzo[a]pyrene-induced lung cancer. <b>2018</b> , 33, 541-551	7
428	The role of strain variation in BAX and BCL-2 expression in murine bleomycin-induced pulmonary fibrosis. <b>2008</b> , 11, 2606-12	9
427	Pro-Apoptotic Activity of 4-Isopropyl-2-(1-Phenylethyl) Aniline Isolated from Cordyceps bassiana. <b>2015</b> , 23, 367-73	12
426	Apoptosis and genes involved in oral cancer - a comprehensive review. <b>2020</b> , 14, 472	6
425	Comparison of the anti-apoptotic effects of 15- and 35-minute suspended moxibustion after focal cerebral ischemia/reperfusion injury. <b>2018</b> , 13, 257-264	8

424	Juglone Induces Michigan Cancer Foundation-7 Human Breast Cancer Cells Apoptosis through Bcl-2-Associated X protein/B-cell lymphoma/leukemia-2 Signal Way. <b>2019</b> , 15, 573	1
423	Significance of Expression of Cell Cycle Related Proteins and Apoptosis Related Proteins in Follicular Adenoma and Follicular Carcinoma of Thyroid. <b>2009</b> , 76, 7	1
422	Caspase-3/-8/-9, Bax and Bcl-2 expression in the cerebellum, lymph nodes and leukocytes of dogs naturally infected with canine distemper virus. <b>2010</b> , 9, 151-61	27
421	Apoptosis block as a barrier to effective therapy in non small cell lung cancer. <b>2014</b> , 5, 588-94	20
420	Downregulation of bcl-xL is relevant to UV-induced apoptosis in fibroblasts. <b>2002</b> , 35, 452-8	8
419	Styrylpyrone derivative induces apoptosis through the up-regulation of Bax in the human breast cancer cell line MCF-7. <b>2003</b> , 36, 269-74	16
418	The Effects of on the Apoptosis Induction and the Reversal of Multidrug Resistance in HL-60/MX2. <b>2008</b> , 24, 29-36	3
417	Effects of the Cell Debris and Supernatant of <i>Saccharomyces boulardii</i> on 7,12-Dimethylbenz(a) Anthracene-Induced Breast Cancer in Rats. <b>2019</b> , 23,	3
416	Can Plants Ability for DNA Repair and Stress Defense be Used against Patients Circulating Tumor Cells?. <b>2015</b> , 5, 157-178	1
415	Effect of <i>Armeniacae Amarum</i> Semen on Expression of Bax and Bcl-2 mRNA and Caspase-3 Activity of Human DU145 Prostate Cancer Cells. <b>2016</b> , 29, 159-167	1
414	The Dose-dependent Effects of Guibi-Tang on Focal Brain Ischemic Injury in Rats. <b>2011</b> , 22, 201-218	2
413	Mitochondrial dynamics in degenerative disease and disease models. <b>2013</b> , 1, 8	3
412	In vitro investigation of cytotoxic and apoptotic effects of <i>Cynara L.</i> species in colorectal cancer cells. <b>2013</b> , 14, 6791-5	15
411	Antioxidant and apoptotic effects of an aqueous extract of <i>Urtica dioica</i> on the MCF-7 human breast cancer cell line. <b>2013</b> , 14, 5317-23	37
410	Roles of the Bcl-2/Bax ratio, caspase-8 and 9 in resistance of breast cancer cells to paclitaxel. <b>2014</b> , 15, 8617-22	60
409	Overexpression of Cyclin E and its Low Molecular Weight Isoforms Cooperate with Loss of p53 in Promoting Oncogenic Properties of MCF-7 Breast Cancer Cells. <b>2015</b> , 16, 7575-82	3
408	RNAi-mediated knockdown of without disrupting the effects of melatonin on apoptosis and cell cycle in bovine granulose cells. <b>2018</b> , 6, e4463	4
407	Sunset Yellow and Allura Red modulate Bcl2 and COX2 expression levels and confer oxidative stress-mediated renal and hepatic toxicity in male rats. <b>2018</b> , 6, e5689	17



406	Therapeutic effect of neohesperidin on TNF- $\alpha$ -stimulated human rheumatoid arthritis fibroblast-like synoviocytes. <b>2021</b> , 19, 741-749		4
405	Tumor-Associated Microglia/Macrophages as a Predictor for Survival in Glioblastoma and Temozolomide-Induced Changes in CXCR2 Signaling with New Resistance Overcoming Strategy by Combination Therapy. <b>2021</b> , 22,		1
404	L-asparaginase from : expression, purification and cytotoxicity assessment. <b>2021</b> , 1-13		1
403	An Aptamer-Modified DNA Tetrahedron-Based Nanogel for Combined Chemo/Gene Therapy of Multidrug-Resistant Tumors.. <b>2021</b> , 4, 7701-7707		4
402	Therapeutic Effects of the Bcl-2 Inhibitor on Bleomycin-induced Pulmonary Fibrosis in Mice. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 645846	5.6	0
401	Stress Relief Techniques: p38 MAPK Determines the Balance of Cell Cycle and Apoptosis Pathways. <b>2021</b> , 11,		3
400	Bovine Fetal Mesenchymal Stem Cells Obtained From Omental Adipose Tissue and Placenta Are More Resistant to Cryoprotectant Exposure Than Those From Bone Marrow. <b>2021</b> , 8, 708972		0
399	Role of Apoptosis and its Modulation by Bcl-2 Family Members in Breast and Prostate Cancer. <b>2000</b> , 353-371		
398	Gene Therapy. <b>2000</b> , 317-336		
397	Apoptosis. <b>2000</b> , 67-96		
396	Regulation and Dysregulation of Mast Cell Survival and Apoptosis. <b>2000</b> , 51-60		
395	Chemoprotective effects of KF41399, a derivative of carbazole compounds, on nimustine-induced thrombocytopenia. <i>Blood</i> , <b>2000</b> , 95, 3771-3780	2.2	
394	Functional Analysis of the Bcl2 Gene Family in Transgenic Mice. <b>2001</b> , 115-145		
393	Involvement of BCL-2 and Bax in the IL-7-Induced Inhibition of Spontaneous Apoptosis in Childhood T-ALL. <b>2001</b> , 128-135		
392	Expression of apoptosis related proteins: RAIDD, ZIP kinase, Bim/BOD, p21, Bax, Bcl-2 and NF-kappaB in brains of patients with Down syndrome. <b>2001</b> , 181-92		6
391	Prolactin Regulation of Cell Proliferation and Apoptosis. <b>2001</b> , 247-264		
390	Inactivation of Negative Growth Regulators During Neoplastic Transformation. <b>2002</b> , 81-111		
389	Antisense Downregulation of the ApoptosisRelated Bcl-2 and Bcl-xl Proteins: A New Approach to Cancer Therapy. <b>2002</b> , 315-330		

388 Apoptosis.

387 p53 and Its Targets. **2002**, 77-96

386 Bax Protein.

385 Increased apoptosis in infiltrating mononuclear cells of colorectal cancer: a mechanism for tumor escape. **2002**, 126, 686-91

6

384 Molecular Biology. **2003**, 37-51

383 Zellzyklus und Apoptose. **2003**, 130-184

1

382 The Genetic Control of Ischemic Neuronal Cell Death. **2003**, 96-105

381 Programmed Cell Death (Apoptosis) in Culture, Impact and Modulation.

380 Bcl-2 Family Proteins. **2003**, 13-27

379 The p53 Pathway, Cancer and Aging. **2003**, 121-149

378 Molecular Therapeutics in Prostate Cancer. **2003**, 495-515

2

377 Induction of Ischemic Tolerance in the Brain: A Novel Neuroprotective Strategy?. **2003**, 725-736

376 Apoptosis. **2003**, 83-106

375 Molecular Neurotoxicology of 6-Hydroxydopamine and Methamphetamine. **2003**,

374 The role of IL-5 in eosinophils and apoptotic death mechanisms in patients with bronchial asthma. **2003**, 2, 38-43

2

373 [The Bcl-2 protein family in malignant diseases]. **2004**, 61, 305-10

2

372 Molecular Origins of Cancer. **2004**, 185-209

371 Chromosomal Translocations in B-Cell Leukemias and Lymphomas. **2004**, 349-364

- 370 An Experimental Study on Effects of Distilled Red-ginseng Herbal Acupuncture on A549 human epithelial lung cancer cell in vitro and implanted Sarcoma-180. **2004**, 7, 43-56
- 369 Huperzine A, a promising anti-Alzheimer's agent, reduces staurosporine-induced apoptosis in NG108-15 cells. **2004**, 733-737
- 368 Evidence for Neuronal Apoptosis in Demyelinating CNS Diseases. **2005**, 327-339
- 367 Immune Activation. **2005**, 171-184
- 366 The Molecular Mechanism of the Neuroprotective Action of Antioxidants Compared with the Anti-Parkinson Drug, Rasagiline. **2005**, 343-363
- 365 Interaktion zwischen Apoptose und Angiogenese in Tumorzellen. **2006**, 39-41
- 364 Molecular Biology of Myelodysplasia. **2006**, 23-38
- 363 Principles of Treatment. **2006**, 225-238
- 362 Effect of [6]-Gingerol on Bcl-2 and Bax Expression in MDA-MB-231 Human Breast Cancer Cell Line. **2006**, 35, 671-676 2
- 361 Analysis of the anti-apoptotic protein bcl-2 in oral squamous cell carcinoma. **2007**, 54, 153-159
- 360 TP53 Mutation and Li-Fraumeni Syndrome. **2007**, 251-261 1
- 359 Bax Protein in Cancer Treatment. **2007**, 50, 1016 5
- 358 Molecular and genetic mechanisms of eosinophil apoptosis in childhood asthma. **2007**, 17-22
- 357 Inhibitors of the Bcl-2 Protein Family as Sensitizers to Anticancer Agents. **2008**, 243-261
- 356 Molecular Genetics of Lung and Pleural Neoplasms. **2008**, 47-157 1
- 355 Squamous Cell Carcinoma in the Eyelids. **2008**, 3293-3307
- 354 TP53 Mutation and Li-Fraumeni Syndrome. **2009**, 247-257
- 353 TP53 Mutation and Li-Fraumeni Syndrome. **2009**, 85-96

- 352 Effects of endurance aerobic exercise on apoptosis in the hippocampus of the rat pups with maternal infection-induced cerebral palsy. **2009**, 18, 489-496
- 351 Cellular Growth and Neoplasia. **2010**, 31-44.e2
- 350 S-Nitrosylation [How Cancer Cells Say NO to Cell Death. **2010**, 85-102
- 349 Effects of simvastatin on the proliferation and apoptosis of human endometrial stromal cells from women with endometriosis. **2010**, 53, 160 1
- 348 Docetaxel. **2010**, 133-146 1
- 347 Apoptosis Signaling Pathways in Pancreatic Cancer Pathogenesis. **2010**, 369-386
- 346 Programmed cell death proteins and chronic leukemia. **2011**, 63, 527-535
- 345 Follicular Atresia in Adult Animals. **2011**, 203-219
- 344 Biochemical, Cellular, and Molecular Mechanisms of Neuronal Death and Secondary Brain Injury in Critical Care. **2011**, 125-133
- 343 Myocardial Cell Death and Regeneration. **2011**, 66-80 0
- 342 Conséquences physiopathologiques. **2011**, 41-44
- 341 Comparative expression profiles of keratins and apoptosis regulating proteins in keratocystic odontogenic tumor, orthokeratinized odontogenic cyst, and dentigerous cyst. **2012**, 16, 67-73 1
- 340 Biochemical Basis of Hypoxic-Ischemic Encephalopathy. **2012**, 1147-1159
- 339 Effects of Salvia Miltriorrhiza Radix on Neuronal Apoptosis following Intracerebral Hemorrhage of Rats. **2012**, 27, 89-94 4
- 338 Functional Adaptation During the Development of Cardiac Hypertrophy and Heart Failure in Females. **2013**, 201-212 1
- 337 Historical Perspective: The Seven Ages of Cell Death Research. **2014**, 1-14
- 336 Biochemical Networks Discrete Modeling Inspired by Membrane Systems. **2014**, 175-221
- 335 Neuroprotection for Retinal Detachment. **2014**, 275-291

- 334 Introduction. **1995**, 1-36 1
- 333 Death genes in T cells. **1995**, 200, 137-46 4
- 332 BCL-2 and Chemoresistance in Cancer. **1995**, 191-214
- 331 Active Cell Death and Cancer. **1995**, 83-101
- 330 The ins and outs of programmed cell death during *C. elegans* development. **1995**, 7-10
- 329 Import and insertion of proteins into the mitochondrial outer membrane. **1995**, 1-10
- 328 Programmed cell death and the control of cell survival. **1995**, 29-32 1
- 327 The Genes That Regulate Programmed Cell Death: From Worm to Mammal. **1995**, 199-218
- 326 Mitochondrial DNA Mutations and Heart Failure. **1995**, 39-58
- 325 Insights from transgenic mice regarding the role of *bcl-2* in normal and neoplastic lymphoid cells. **1995**, 53-59
- 324 P53-Mediated Apoptosis. **1996**, 83-101 1
- 323 The Molecular Basis of Ovarian Cell Death. **1996**, 37-50 1
- 322 Lymphocyte Apoptosis in HIV Infection. **1996**, 133-159 1
- 321 Improved Antileukemic Activity of the Combination of Ara-C with GM-CSF and IL-3 Fusion Protein (PIXY321). **1996**, 149-155
- 320 The Integrated Control of Cell Proliferation and Cell Viability. **1996**, 1-21
- 319 Neoplastic Transformation: Oncogenes, Tumor Suppressors, Cyclins, and Cyclin-Dependent Kinases. **1996**, 3-41
- 318 Molecular Mechanism of Apoptosis and Its Significance in Pathogenesis and Therapeutic Strategy in Neurosurgical Disease. **1996**, 5, 103-110
- 317 The Role of Oncogenes in the Integrated Control of Cell Proliferation and Cell Death. **1996**, 129-141

316 Mechanisms of developmental cell death. **1996**, 89-122

315 Suppression of Tumor Phenotypes and Increased Cell Death Susceptibility in Class II Major Histocompatibility Complex Antigen-Inducible Human Lung Carcinoma Cells. **1997**, 615-619

314 Regulators of Neuronal Survival (Bcl-2, Bax, c-Jun) in Prenatal and Postnatal Human Frontal and Temporal Lobes in Normal and Down Syndrome Brain. **1997**, 179-195

313 References. **1997**, 215-326

312 Modulation of control mechanisms of dopamine-induced apoptosis--a future approach to the treatment of Parkinson's disease?. **1997**, 49, 195-202 8

311 BCL2. **1997**, 106-114

310 Molecular Regulation of Testicular Cell Death. **1998**, 140-149

309 Developmental Regulation of the Cardiac Renin-Angiotensin System: Expression and Association With Growth and Apoptosis. **1998**, 403-414

308 Dysregulation of Programmed Cell Death in Cancer toward a Molecular Understanding of Bcl-2. **1998**, 145-171 1

307 Bax. **1998**, 68

306 Protection of Hematopoietic Progenitor Cells from Chemotherapy Toxicity by Transfer of Drug Resistance Genes. **1998**, 153-181

305 Molecular Mechanisms Regulating Negative Selection in Immature-Stage B-Cells. **1998**, 421-446 0

304 Calcium-Dependent Signalling in Apoptosis. **1998**, 291-310

303 Adhesion Molecules, Angiogenesis and Malignant Gliomas: Implications for Tumorigenesis. **1998**, 405-429

302 Viral and host determinants of neurovirulence of HIV-1 infection. **1998**, 437, 241-53

301 Transcriptional Responses to Damage Created by Ionizing Radiation. **1998**, 223-262

300 The Chimeric E2A-HLF Transcription Factor Abrogates p53-Induced Apoptosis in Myeloid Leukemia Cells. *Blood*, **1998**, 92, 1397-1405 2.2 3

299 Phosphorylation of BCL-2 After Exposure of Human Leukemic Cells to Retinoic Acid. *Blood*, **1998**, 92, 1768-1775 2.2 1

- 298 Prolonged Phenotypic, Functional, and Molecular Change in Group I Burkitt Lymphoma Cells on Short-Term Exposure to CD40 Ligand. *Blood*, **1998**, 92, 2830-2843 2.2 5
- 297 Bax, a Death Effector Molecule. **1999**, 117-128
- 296 Cell Cycle and Apoptosis. **1999**, 131-169
- 295 Axotomy-Induced Motor Neuron Death. **1999**, 181-196 4
- 294 Effects of Sea Buckthorn (*Hippophae rhamnoides* L.) Fruit Extract on Ultraviolet-induced Apoptosis of Skin Fibroblasts. **2014**, 24, 467-475
- 293 Targeting apoptosis is the major battle field for killing cancers. **2015**, 4, 69
- 292 Evaluation of bcl-2, bax and c-erbB-2 Levels in Chronic Otitis Patients with or without Cholesteatoma. **2015**, 53, 55-61
- 291 The Effect that the Application of Time-Based Electrolysis Has on Acute Ischemia. **2015**, 6, 846-851
- 290 Encyclopedia of Signaling Molecules. **2016**, 1-6
- 289 Bcl-2 Protein Interplay on the Outer Mitochondrial Membrane. **2016**, 69-83 4
- 288 Brain-Derived Neurotrophic Factor (BDNF) Exerts a Protective Effect via an Anti-Apoptotic Mechanism on Hypoxic-Ischemic Injury in the Rat Brain. **2016**, 27, 15
- 287 Induction of Apoptosis in Human Cancer Cells with Extracts of *Taraxacum coreanum*, *Youngia sonchifolia* and *Ixeris dentate*. **2016**, 31, 51-58 2
- 286 Inhibitory Effects of Spinach, Cabbage, and Onion Extracts on Growth of Cancer Cells. **2016**, 45, 671-679 2
- 285 Uterine Clear Cell Carcinoma. **2017**, 123-142
- 284 Apoptosis: Signaling Pathways in Pancreatic Cancer Pathogenesis. **2017**, 1-14
- 283 Neonatal Stressors. **2017**, 185-194
- 282 Growth inhibition by metformin in YD-38 oral cancer cells derived from Korean. **2017**, 41, 55-62
- 281 An anti-cancer binary system activated by bacteriophage HK022 Integrase.

- 280 Intermittent High Glucose Enhances the Proliferation of Rat Aortic Vascular Smooth Muscle Cells More Than Constant High Glucose via the Mitogen-Activated Protein Kinase Pathway. **2017**, 21, 131-137
- 279 Lipid Droplets im Kontext von zellulärem Stress. **2018**, 177-186
- 278 Increased glutaminolytic flux and activation of mitochondrial metabolism by BCL2 hyperactivity in lymphoma.
- 277 Encyclopedia of Signaling Molecules. **2018**, 356-360
- 276 Increased Glutaminolytic Flux and Activation of Mitochondrial Metabolism by BCL2 Hyperactivity in Lymphoma.
- 275 Sphingosine-1-Phosphate (S1P) analogue Phyto-sphingosine-1-Phosphate (P1P) improves the in vitro maturation efficiency of porcine oocytes via regulation of oxidative stress and apoptosis.
- 274 Effect of acupuncture on short-term memory and apoptosis after transient cerebral ischemia in gerbils. **2018**, 39, 1-15
- 273 THE ROLE OF ENDOGENOUS INTOXICATION IN THE REGULATION OF BCL-2 GENE EXPRESSION IN THE DYNAMICS OF EXPERIMENTAL SUBHEPATIC OBSTRUCTIVE JAUNDICE. **2019**, 3, 178-183
- 272 The apoptotic paradox in schizophrenia.
- 271 Bax protein as a prognostic marker in colorectal cancer: characteristics, role in apoptosis regulation, and correlation with disease prognosis (literature review). **2019**, 9, 19-25
- 270 Antitumor Effects of 8-Deoxylactucin in RB355 Human Retinoblastoma Cells Are Mediated via Apoptosis Induction, Reactive Oxygen Species Production, and Cell Cycle Arrest. **2019**, 25, 4575-4582 2
- 269 A probabilistic approach to explore signal execution mechanisms with limited experimental data.
- 268 Golgi anti-apoptotic proteins are evolutionarily conserved ion channels that regulate cell death in plants.
- 267 Identification of Characteristic Genomic Markers in Human Hepatoma Huh7 and Huh7.5.1-8 Cell Lines. 1
- 266 Classic articles in Apoptotic Research: A Bibliometric Analysis.
- 265 RAI14 silencing suppresses progression of esophageal cancer via the STAT3 pathway. **2020**, 12, 18084-18098 1
- 264 Enhanced apoptotic index, chemokines and inflammatory recruitment in renal tissues shows relationship with the clinical signs in Leishmania-infected dogs. **2021**, 300, 109611 0
- 263 and Arabinogalactan in combination modulates benzo(a)pyrene-induced genotoxicity during lung carcinogenesis. **2021**, 1-5



- 262 Therapeutics targeting BCL2 family proteins. **2022**, 197-260 0
- 261 Increased Expression of Caspase Genes in Colorectal Cancer Cell Line by Nisin. **2020**, 15, 4
- 260 Inhibition of cell growth and induction of apoptosis by bilobalide in FaDu human pharyngeal squamous cell carcinoma. **2020**, 45, 8-14 1
- 259 The Effect of Sodium Metabisulphite on Apoptosis in the Experimental Model of Parkinson Disease. **2020**, 16, 296-305
- 258 TAL effector-dependent Bax gene expression in transgenic rice confers disease resistance to *Xanthomonas oryzae* pv. *oryzae*. **2021**, 1 0
- 257 Live-cell visualization of cytochrome c: a tool to explore apoptosis. **2021**, 0
- 256 Differential Gene Expression in Bladder Tumors from Workers Occupationally Exposed to Arylamines. **2021**, 2021, 2624433 0
- 255 Neonatal Stressors. **2008**, 123-130
- 254 Mechanisms of apoptosis repression. **2001**, 23, 11-33
- 253 Can Manipulation of Apoptotic Cell Death Benefit Tissue Scarring?. **2005**, 160-177
- 252 The Bcl-2 Family. **2004**, 25-47
- 251 Immunophenotypic Characterization of Infiltrating Poly- and Mononuclear Cells in Childhood Brain Tumors. **2005**, 13-161
- 250 Prinzipien der Chemotherapie und der hormonalen Therapie maligner Tumoren. **2006**, 215-231
- 249 The Role of Early Experience in Olfactory Bulb Cell Survival. **1999**, 73-85
- 248 MDA-7/IL-24 as a Multi-Modality Therapy for Cancer. **2007**, 413-433
- 247 Medulloblastoma, Primitive Neuroectodermal Tumors, and Pineal Tumors. **2008**, 343-430 1
- 246 Molekulare Grundlagen der Apoptose. **2008**, 159-203
- 245 Inhibition of polo-like kinase 1 (PLK1) facilitates reactivation of gamma-herpesviruses in B-cell lymphomas and their elimination.

244	Cytotoxic Effects of Hydro-Alcoholic Extract of the Leaf of <i>Elaeagnus angustifolia</i> in Hepatocellular Carcinoma Cell Line (HepG2). <b>2020</b> , 11,	
243	Protective Role of Oleuropein against Acute Deltamethrin-Induced Neurotoxicity in Rat Brain. <b>2015</b> , 19, 247-53	7
242	PERP, an apoptosis-associated target of p53, is a novel member of the PMP-22/gas3 family. <b>2000</b> , 14, 704-18	242
241	Bcl-2 antiapoptotic protein mediates verotoxin II-induced cell death: possible association between bcl-2 and tissue failure by <i>E. coli</i> O157:H7. <b>2000</b> , 14, 1734-40	17
240	A conserved domain in Bak, distinct from BH1 and BH2, mediates cell death and protein binding functions. <b>1995</b> , 14, 5589-96	125
239	Bcl-2 and Fas/APO-1 regulate distinct pathways to lymphocyte apoptosis. <b>1995</b> , 14, 6136-47	203
238	Developmental regulation of the Bcl-2 protein and susceptibility to cell death in B lymphocytes. <b>1994</b> , 13, 683-91	80
237	Programmed cell death and Bcl-2 protection in the absence of a nucleus. <b>1994</b> , 13, 1899-910	103
236	c-Myc-induced apoptosis in fibroblasts is inhibited by specific cytokines. <b>1994</b> , 13, 3286-95	157
235	Direct involvement of p53 in programmed cell death of oligodendrocytes. <b>1995</b> , 14, 1136-44	18
234	A Bcl-2-related gene is activated in avian cells transformed by the Rous sarcoma virus. <b>1995</b> , 14, 1372-81	13
233	Epstein-Barr virus efficiently immortalizes human B cells without neutralizing the function of p53. <b>1995</b> , 14, 1382-91	34
232	T cells from baxalpha transgenic mice show accelerated apoptosis in response to stimuli but do not show restored DNA damage-induced cell death in the absence of p53. <b>1996</b> , 15, 1221-30	25
231	Specific loss of apoptotic but not cell-cycle arrest function in a human tumor derived p53 mutant. <b>1996</b> , 15, 827-38	85
230	Transcriptional activation by p53, but not induction of the p21 gene, is essential for oncogene-mediated apoptosis. <b>1996</b> , 15, 3693-701	59
229	Bcl-2 mutants with restricted subcellular location reveal spatially distinct pathways for apoptosis in different cell types. <b>1996</b> , 15, 4130-41	102
228	The cell death inhibitor Bcl-2 and its homologues influence control of cell cycle entry. <b>1996</b> , 15, 6979-90	112
227	Bax alpha perturbs T cell development and affects cell cycle entry of T cells. <b>1996</b> , 15, 6991-7001	41

226	Rescue of ileal Peyer's patch B cells from apoptosis is associated with the induction of Bcl-2 expression. <b>1995</b> , 84, 383-7	8
225	Apoptosis and Bcl-2 expression in cultured murine splenic T cells. <b>1995</b> , 84, 375-82	19
224	Factors that influence activated CD8+ T-cell apoptosis in patients with acute herpesvirus infections: loss of costimulatory molecules CD28, CD5 and CD6 but relative maintenance of Bax and Bcl-X expression. <b>1996</b> , 88, 508-15	40
223	Immunohistochemical analysis of Bcl-2, Bcl-X, Mcl-1, and Bax in tumors of central and peripheral nervous system origin. <b>1997</b> , 150, 805-14	95
222	Detection of actin cleavage in Alzheimer's disease. <b>1998</b> , 152, 329-32	9
221	The potential role of BAX and BCL-2 expression in diffuse alveolar damage. <b>1997</b> , 151, 999-1007	61
220	Involvement of transcription factor encoded by the mouse mi locus (MITF) in apoptosis of cultured mast cells induced by removal of interleukin-3. <b>1997</b> , 151, 1043-51	21
219	CD95/CD95L-mediated apoptosis of the hepatic stellate cell. A mechanism terminating uncontrolled hepatic stellate cell proliferation during hepatic tissue repair. <b>1997</b> , 151, 1265-72	139
218	Expression of Bcl-2 family during liver regeneration and identification of Bcl-x as a delayed early response gene. <b>1997</b> , 150, 1985-95	78
217	Analysis of apoptosis during hair follicle regression (catagen). <b>1997</b> , 151, 1601-17	254
216	Fibroblast growth factor-2 inhibits endothelial cell apoptosis by Bcl-2-dependent and independent mechanisms. <b>1997</b> , 151, 1775-84	141
215	Bcl-2 and c-Myc, but not bax and p53, are expressed during human medullary thyroid tumorigenesis. <b>1998</b> , 152, 1407-13	25
214	Decreased DNA repair but normal apoptosis in ultraviolet-irradiated skin of p53-transgenic mice. <b>1996</b> , 148, 1113-23	74
213	Triple primer polymerase chain reaction. A new way to quantify truncated mRNA expression. <b>1996</b> , 148, 1097-103	24
212	Apoptosis during an early stage of nephrogenesis induces renal hypoplasia in bcl-2-deficient mice. <b>1996</b> , 148, 1601-11	32
211	Immunohistochemical analysis of bcl-2, bax, bcl-X, and mcl-1 expression in prostate cancers. <b>1996</b> , 148, 1567-76	416
210	Prognostic significance of Bcl-2 in clinically localized prostate cancer. <b>1996</b> , 148, 1557-65	97
209	Immunodetection of apoptosis-regulating proteins in lymphomas from patients with and without human immunodeficiency virus infection. <b>1996</b> , 149, 177-85	36

208	Immunohistochemical analysis of Bcl-2 family proteins in adenocarcinomas of the stomach. <b>1996</b> , 149, 1449-57	84
207	Apoptosis-related factors p53, Bcl2, and Bax in neuroendocrine lung tumors. <b>1996</b> , 149, 1941-52	176
206	A1 demonstrates restricted tissue distribution during embryonic development and functions to protect against cell death. <b>1996</b> , 149, 2133-42	26
205	Immunohistochemical analysis of Bcl-2 protein regulation in cutaneous melanoma. <b>1995</b> , 146, 643-50	53
204	Human melanocytes and melanoma cells constitutively express the Bcl-2 proto-oncogene in situ and in cell culture. <b>1995</b> , 146, 651-9	55
203	Regulation and function of Bcl-2 during differentiation-induced cell death in HL-60 promyelocytic cells. <b>1995</b> , 146, 481-90	60
202	Immunohistochemical analysis of Mcl-1 protein in human tissues. Differential regulation of Mcl-1 and Bcl-2 protein production suggests a unique role for Mcl-1 in control of programmed cell death in vivo. <b>1995</b> , 146, 1309-19	227
201	Bcl-2 breathes life into embryogenesis. <b>1994</b> , 145, 7-10	18
200	Expression of Bcl-2 protein and Fas antigen in non-Hodgkin's lymphomas. <b>1994</b> , 145, 330-7	47
199	Immunohistochemical determination of in vivo distribution of Bax, a dominant inhibitor of Bcl-2. <b>1994</b> , 145, 1323-36	422
198	Immunohistochemical analysis of Mcl-1 and Bcl-2 proteins in normal and neoplastic lymph nodes. <b>1994</b> , 145, 515-25	104
197	Proteomic profiling of hepatitis B virus-related hepatocellular carcinoma in China: a SELDI-TOF-MS study. <b>2008</b> , 1, 352-61	4
196	Prognostic Significance of in situ Phenotypic Marker Expression in Diffuse Large B-cell Lymphomas. <b>2007</b> , 2, 403-17	
195	Leukemia associated antigens: their dual role as biomarkers and immunotherapeutic targets for acute myeloid leukemia. <b>2007</b> , 2, 69-79	5
194	Markers of degeneration and regeneration in Duchenne muscular dystrophy. <b>2009</b> , 28, 94-100	35
193	Developmental regulation of Bcl-2 family protein expression in the involuting mammary gland. <b>1999</b> , 112 ( Pt 11), 1771-83	28
192	Effect of mesenchymal stem cells on Doxorubicin-induced fibrosis. <b>2012</b> , 14, 142-51	23
191	Protective effects of total flavonoids from Flos Puerariae on retinal neuronal damage in diabetic mice. <b>2013</b> , 19, 1999-2010	12

190	Expression and prognostic significance of bcl-2 and bax in the progression and clinical outcome of transitional bladder cell carcinoma. <b>2014</b> , 15, 356-63	32
189	Sub-chronic lead and cadmium co-induce apoptosis protein expression in liver and kidney of rats. <b>2014</b> , 7, 2905-14	34
188	The Study of DNA Methylation of bax Gene Promoter in Breast and Colorectal Carcinoma Cell Lines. <b>2013</b> , 6, 59-64	8
187	Magnesium isoglycyrrhizinate protects hepatic L02 cells from ischemia/reperfusion induced injury. <b>2014</b> , 7, 4755-64	23
186	Neuroprotective effects of total saponins from <i>Rubus parvifolius</i> L. on cerebral ischemia/reperfusion injury in rats. <b>2012</b> , 7, 176-81	4
185	Apoptotic agents. <b>2013</b> , 2, 238-43	3
184	Myrtol ameliorates cartilage lesions in an osteoarthritis rat model. <b>2015</b> , 8, 1435-42	5
183	Bax inhibitor-1 is overexpressed in non-small cell lung cancer and promotes its progression and metastasis. <b>2015</b> , 8, 1411-8	11
182	Molecular mechanisms of luteolin induced growth inhibition and apoptosis of human osteosarcoma cells. <b>2015</b> , 14, 531-8	10
181	Effects of intracerebral hemorrhage and subsequent minimally invasive hematoma aspiration on expression of apoptosis-related genes in rats. <b>2015</b> , 8, 5371-8	2
180	Huperzine A protects neural stem cells against A $\beta$ -induced apoptosis in a neural stem cells and microglia co-culture system. <b>2015</b> , 8, 6425-33	11
179	Enhanced apoptotic response to photodynamic therapy after bcl-2 transfection. <b>1999</b> , 59, 3429-32	107
178	Role of WNT1-inducible-signaling pathway protein 1 in etoposide resistance in lung adenocarcinoma A549 cells. <b>2015</b> , 8, 14962-8	
177	Immunohistochemical analysis of Bax and AIF in colorectal tumors. <b>2015</b> , 8, 16071-6	4
176	Expression of PHF20 protein contributes to good prognosis of NSCLC and is associated with Bax expression. <b>2015</b> , 8, 12198-206	3
175	Analysis of functional polymorphisms in apoptosis-related genes in primary open angle glaucoma. <b>2015</b> , 21, 1340-4	1
174	Safflower extract inhibiting apoptosis by inducing autophagy in myocardium derived H9C2 cell. <b>2015</b> , 8, 20254-62	3
173	Bcl-2, Bcl-xL, and p-AKT are involved in neuroprotective effects of transcription factor Brn3b in an ocular hypertension rat model of glaucoma. <b>2016</b> , 22, 1048-61	13

172	Vitexin exerts cardioprotective effect on chronic myocardial ischemia/reperfusion injury in rats via inhibiting myocardial apoptosis and lipid peroxidation. <b>2016</b> , 8, 3319-28	19
171	Intramyocardial injection of thioredoxin 2-expressing lentivirus alleviates myocardial ischemia-reperfusion injury in rats. <b>2017</b> , 9, 4428-4439	6
170	Poly-L-Lysine Inhibits Tumor Angiogenesis and Induces Apoptosis in Ehrlich Ascites Carcinoma and in Sarcoma S-180 Tumor. <b>2017</b> , 18, 2255-2268	9
169	The Role of Wnt Signalling in Angiogenesis. <b>2017</b> , 38, 131-142	71
168	Expression of Apoptosis Related and Proliferative Proteins in Malignant Lympho-Proliferative Disorders. <b>2017</b> , 12, 231-240	2
167	Immunohistochemical and Electron Microscopic Study of the Inhibitory Effects of Olive Oil Polyphenol on Dexamethasone-Induced Apoptosis. <b>2017</b> , 12, 45-52	
166	Rel/NF-kappaB represses bcl-2 transcription in pro-B lymphocytes. <b>1999</b> , 8, 219-29	28
165	The Effect of Cadmium on Apoptotic Genes mRNA Expression of Bax and Bcl-2 in Small Intestine of Rats. <b>2018</b> , 13, 408-414	6
164	Baicalein induced apoptosis and autophagy of undifferentiated thyroid cancer cells by the ERK/PI3K/Akt pathway. <b>2019</b> , 11, 3341-3352	16
163	Gasdermins in Apoptosis: New players in an Old Game. <b>2019</b> , 92, 603-617	4
162	Propofol alleviates hepatic ischemia/reperfusion injury via the activation of the Sirt1 pathway. <b>2017</b> , 10, 10959-10968	2
161	Bcl-2 antiapoptotic protein mediates verotoxin III-induced cell death: possible association between Bcl-2 and tissue failure by E. coli O157:H7. <b>2000</b> , 14, 1734-1740	30
160	Role of caspases and apoptosis in Parkinson's disease. <b>2022</b> , 153-173	
159	Development of A Prognostic Model of Glioma Based on Pyroptosis-Related Genes. <b>2021</b> , 158, e929-e929	1
158	Over Fifty Years of Life, Death, and Cannibalism: A Historical Recollection of Apoptosis and Autophagy. <b>2021</b> , 22,	2
157	Protective Effects of Astilbin Against Cadmium-Induced Apoptosis in Chicken Kidneys via Endoplasmic Reticulum Stress Signaling Pathway. <b>2021</b> , 1	0
156	Alpha-linolenic acid rich Allium porrum methanolic extract potentially inhibits HT-115 human colon cancer cells proliferation via mitochondria mediated apoptotic mechanism. <b>2021</b> , 34, 101736	
155	Decrease in Levels Is Associated with an Increase in Synuclein Levels in an MPTP-Induced Parkinson's Disease Mouse Model and SH-SY5Y Cells. <b>2021</b> , 22,	2

- 154 assessment of an engineered tBID-based safety switch system in human T lymphocytes.. **2021**, 9, 1641
- 153 Changes in heavy metal levels, reproductive characteristics, oxidative stress markers and testicular apoptosis in rams raised around thermal power plant. **2021**, 179, 211-222 1
- 152 The Apoptotic and Inflammatory Response of Brain Striatal Tissue to Extracorporeal Membrane Oxygenation (ECMO) Following the Model of Cardiac Arrest in Young Piglets. **2021**, 11, 498-509 0
- 151 Soluble Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 Level is Related to Clinical Prognosis In Patients with Acute Atherosclerosis-related Ischemic Stroke. **2021**, 27, 10760296211059500 1
- 150 Anti-cancer effect of boron derivatives on small-cell lung cancer.. **2022**, 70, 126923 2
- 149 Bcl-2 Family Members and the Mitochondrial Import Machineries: The Roads to Death.. **2022**, 12, 3
- 148 Quercetin ameliorates glutamate toxicity-induced neuronal cell death by controlling calcium-binding protein parvalbumin.. **2022**, 0
- 147 Effect of conditioned medium of umbilical cord-derived mesenchymal stem cells as a culture medium for human granulosa cells: An experimental study.. **2021**, 19, 1037-1044
- 146 Exposure of Toluene Diisocyanate Induces DUSP6 and p53 through Activation of TRPA1 Receptor.. **2022**, 23, 0
- 145 Current Advances in for Gastrointestinal and Other Cancers.. **2021**, 12, 775084 0
- 144 Effects of hypoxia and reoxygenation on gill remodeling, apoptosis, and oxidative stress in hypoxia-tolerant new variety blunt snout bream (*Megalobrama amblycephala*).. **2022**, 48, 263 0
- 143 Solid Lipid Nanoparticles Administering Antioxidant Grape Seed-Derived Polyphenol Compounds: A Potential Application in Aquaculture.. **2022**, 27, 2
- 142 Targeting Cell Death: Pyroptosis, Ferroptosis, Apoptosis and Necroptosis in Osteoarthritis.. **2021**, 9, 789948 6
- 141 Dysfunction of CD27IgD B cells correlates with aggravated systemic lupus erythematosus.. **2022**, 1 0
- 140 Role of Autophagy in Lysophosphatidylcholine-Induced Apoptosis of Mouse Ovarian Granulosa Cells.. **2022**, 23, 0
- 139 Field cancerization profile-based prognosis signatures lead to more robust risk evaluation in hepatocellular carcinoma.. **2022**, 25, 103747 0
- 138 Steamed *Panax notoginseng* attenuates renal anemia in an adenine-induced mouse model of chronic kidney disease.. **2022**, 288, 114941 0
- 137 Expression of p38MAPK and its regulation of apoptosis under high temperature stress in the razor clam *Sinonovacula constricta*.. **2022**, 0

136	Doxorubicin-induced apoptosis: implications in cardiotoxicity. <b>2002</b> , 234-235, 119-24		103
135	Reproductive toxicity of polycyclic aromatic hydrocarbons. <b>2022</b> , 759-778		0
134	Relative transcript level of BMP15, BAX and CASP3 with qRT-PCR in vitrified equine immature cumulus-oocytes complexes. <b>2022</b> , 43, 927-942		
133	Antiproliferative and Antimigratory Effects of Isoeugenol-Based Polyphenolic Compounds.. <b>2022</b> , e202100854		0
132	How Do Hexokinases Inhibit Receptor-Mediated Apoptosis?. <b>2022</b> , 11,		0
131	Apoptosis: Directly Targeted at Last.. <b>2022</b> , JCO2200304		
130	Bax/Bcl-2 Cascade Is Regulated by the EGFR Pathway: Therapeutic Targeting of Non-Small Cell Lung Cancer.. <b>2022</b> , 12, 869672		3
129	Green extraction of bioactive compounds from wine lees and their bio-responses on immune modulation using in vitro sheep model.. <b>2022</b> ,		0
128	Lipase-triggered drug release from BCL2 inhibitor ABT-199-loaded nanoparticles to elevate anti-leukemic activity through enhanced drug targeting on the mitochondrial membrane.. <b>2022</b> ,		0
127	Comparison of melatonin, oxytetracycline, and N-acetylcysteine pre-treatments in autologous intraperitoneal ovarian transplantation in rats.. <b>2022</b> , 606, 49-54		
126	Cardamomin protects from diabetes-induced kidney damage through modulating PI3K/AKT and JAK/STAT signaling pathways in rats.. <i>International Immunopharmacology</i> , <b>2022</b> , 107, 108610	5.8	1
125	Curcumol Attenuates Endometriosis by Inhibiting the JAK2/STAT3 Signaling Pathway.. <b>2022</b> , 28, e934914		0
124	Leptin Gene Protects Against Cold Stress in Antarctic Toothfish.. <b>2021</b> , 12, 740806		
123	CN-3 increases TMZ sensitivity and induces ROS-dependent apoptosis and autophagy in TMZ-resistance glioblastoma.. <b>2021</b> , e22973		0
122	Nitric oxide induces murine thymocyte apoptosis by oxidative injury and a p53-dependent mechanism. <b>2001</b> , 70, 87-95		5
121	Mitochondrial Kv1.3 Channels as Target for Treatment of Multiple Myeloma.. <b>2022</b> , 14,		0
120	Transcriptome analysis of skin color variation during and after overwintering of Malaysian red tilapia.. <b>2022</b> ,		0
119	Image_1.JPEG. <b>2020</b> ,		



118 Image\_2.JPEG. 2020,

117 Presentation\_1.PDF. 2020,

116 Table\_1.XLSX. 2020,

115 Table\_2.XLSX. 2020,

114 Table\_3.XLSX. 2020,

113 Table\_4.XLSX. 2020,

112 Table\_5.XLSX. 2020,

111 Table\_6.XLSX. 2020,

110 Data\_Sheet\_1.xlsx. 2020,

109 Presentation\_1.pdf. 2020,

108 Table\_1.XLSX. 2020,

107 Table\_2.XLSX. 2020,

106 DataSheet\_1.docx. 2019,

105 Image\_1.TIF. 2020,

104 Image\_2.TIF. 2020,

103 Image\_3.TIF. 2020,

102 Image\_4.TIF. 2020,

101 Image\_5.TIF. 2020,

100 Data\_Sheet\_1.zip. **2019**,

99 Image\_1.JPEG. **2018**,

98 Image\_2.JPEG. **2018**,

97 Image\_3.TIF. **2018**,

96 Table\_1.DOCX. **2018**,

95 Table\_2.DOCX. **2018**,

94 Table\_3.DOCX. **2018**,

93 Table\_4.DOCX. **2018**,

92 Image\_1.JPEG. **2019**,

91 Table\_1.docx. **2019**,

90 Data\_Sheet\_1.pdf. **2020**,

89 Effect of transgenic expressing fusion gene in the apoptosis of the infected macrophages.. **2021**, 24, 1666-1675

88 The Effect of Hypothermic Machine Perfusion to Ameliorate Ischemia-Reperfusion Injury in Donor Organs.. *Frontiers in Immunology*, **2022**, 13, 848352 8.4 1

87 -12 Alleviates Inflammation and Colon Cancer Symptoms in AOM/DSS-Treated Mice through Modulating the Intestinal Microbiome and Metabolome.. **2022**, 14, 1

86 Diallyl trisulfide plays an antifibrotic role by inhibiting the expression of Bcl-2 in hepatic stellate cells.. **2022**, e23097

85 Glutamine Maintains Satellite Glial Cells Growth and Survival in Culture.. **2022**, 1

84 Stachyose protects intestinal mucosal barrier via promotion of tight junction and Lactobacillus casei-driven inhibition of apoptosis in juvenile turbot, *Scophthalmus maximus* L.. **2022**, 556, 738280 1

83 Andrographolide attenuates *Mycoplasma gallisepticum*-induced inflammation and apoptosis by the JAK/PI3K/AKT signal pathway in the chicken lungs and primary alveolar type II epithelial cells.. *International Immunopharmacology*, **2022**, 109, 108819 5.8 2

82	Effects of IL-38 on Macrophages and Myocardial Ischemic Injury. <i>Frontiers in Immunology</i> , <b>2022</b> , 13,	8.4	0
81	Targeting the apoptosis pathway to treat tumours of the paediatric nervous system.. <i>Cell Death and Disease</i> , <b>2022</b> , 13, 460	9.8	1
80	Structural Details of BH3 Motifs and BH3-Mediated Interactions: an Updated Perspective. <i>Frontiers in Molecular Biosciences</i> , <b>2022</b> , 9,	5.6	2
79	Design, synthesis and bioactivity of novel naphthalimide-benzotriazole conjugates against A549 cells via targeting BCL2 G-quadruplex and inducing autophagy. <i>Life Sciences</i> , <b>2022</b> , 302, 120651	6.8	1
78	Investigation of drugs for the prevention of doxorubicin-induced cardiac events using big data analysis. <i>European Journal of Pharmacology</i> , <b>2022</b> , 175083	5.3	0
77	A hollow chitosan-coated PLGA microsphere to enhance drug delivery and anticancer efficiency. <i>Journal of Drug Delivery Science and Technology</i> , <b>2022</b> , 103482	4.5	2
76	Costunolide enhances cisplatin-induced cytotoxicity in hypopharyngeal SCC FaDu cells by increasing the production of reactive oxygen species. <i>Pathology Research and Practice</i> , <b>2022</b> , 153966	3.4	0
75	Selectivity mechanism of BCL-XL/2 inhibition through in silico investigation. <i>Physical Chemistry Chemical Physics</i> ,	3.6	1
74	NADPH-oxidase 4 gene over-expression in peripheral blood lymphocytes of the schizophrenia patients. <i>PLoS ONE</i> , <b>2022</b> , 17, e0269130	3.7	1
73	Single-cell multiomics reveal the scale of multi-layered adaptations enabling CLL relapse during venetoclax therapy. <i>Blood</i> ,	2.2	4
72	Selenium nanoparticles impart robust neuroprotection against deltamethrin-induced neurotoxicity in male rats by reversing behavioral alterations, oxidative damage, apoptosis, and neuronal loss. <i>NeuroToxicology</i> , <b>2022</b> ,	4.4	2
71	Programmed cell death detection methods: a systematic review and a categorical comparison. <i>Apoptosis: an International Journal on Programmed Cell Death</i> ,	5.4	1
70	Transcription factor YY1 contributes to human melanoma cell growth through modulating the p53 signaling pathway. <i>Experimental Dermatology</i> ,	4	1
69	Pro-apoptotic complexes of BAX and BAK on the outer mitochondrial membrane. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2022</b> , 1869, 119317	4.9	2
68	Expression and Function Analysis of miR-34 and Bcl-2 Gene in <i>Daphnia magna</i> Exposed to Dibutyl Phthalate. <i>Advances in Marine Sciences</i> , <b>2022</b> , 09, 118-127	0	
67	Zebrafish Klf11b is Required to Maintain Cell Viability by Inhibiting p53-Mediated Apoptosis. <i>Development &amp; Reproduction</i> , <b>2022</b> , 26, 79-90	1.1	
66	Bcl-xL inhibition radiosensitizes PIK3CA/PTEN wild-type triple negative breast cancers with low Mcl-1 expression. <i>Cancer Research Communications</i> ,		1
65	Effects of radiofrequency radiation on apoptotic and antiapoptotic factors in colorectal cancer cells. <i>Electromagnetic Biology and Medicine</i> , <b>2022</b> , 41, 325-334	2.2	0

64	The effects of glutamine supplementation on markers of apoptosis and autophagy in sickle cell disease peripheral blood mononuclear cells. <i>Complementary Therapies in Medicine</i> , <b>2022</b> , 102856	3.5	1
63	Epigallocatechin-3-gallate induces apoptosis in estrogen receptor-negative human breast carcinoma cells via modulation in protein expression of p53 and Bax and caspase-3 activation. <b>2005</b> , 4, 81-90		42
62	Silymarin induces apoptosis primarily through a p53-dependent pathway involving Bcl-2/Bax, cytochrome c release, and caspase activation. <i>Molecular Cancer Therapeutics</i> , <b>2005</b> , 4, 207-216	6.1	48
61	Sequence and helicity requirements for the proapoptotic activity of Bax BH3 peptides. <i>Molecular Cancer Therapeutics</i> , <b>2004</b> , 3, 1343-1354	6.1	9
60	D-pinitol attenuates isoproterenol induced myocardial infarction by alleviating cardiac inflammation, oxidative stress and ultrastructural changes in Swiss Albino mice. <i>Clinical and Experimental Pharmacology and Physiology</i> ,	3	
59	Expression profile of the proapoptotic protein Bax in the human brain.		
58	Transcriptional response of short-term nanoplastic exposure in <i>Monodonta labio</i> . <b>2022</b> , 182, 114005		
57	Effects of taxifolin from enzymatic hydrolysis of <i>Rhododendron mucrotulatum</i> on hair growth promotion. 10,		0
56	Healthy Aging. <b>2022</b> ,		0
55	Activation of Inflammatory Networks in the Lungs Caused by Chronic Cold Stress Is Moderately Attenuated by Glucose Supplementation. <b>2022</b> , 23, 10697		1
54	Molecular docking, synthesis, and biological evaluation of 7-azaindole-derivative (7AID) as novel anti-cancer agent and potent DDX3 inhibitor: An in silico and in vitro approach. <b>2022</b> , 39,		0
53	bub1 as a potential oncogene and a prognostic biomarker for neuroblastoma. 12,		0
52	Rapid assembly of 1,3-indanedione-based spirocyclic tetrahydroquinolines for inducing human lung cancer cell apoptosis. <b>2022</b> ,		0
51	O envolvimento de genes e proteínas na regulaçã da apoptose [Carcinogênese. <b>2022</b> , 43, 173-186		0
50	MCL-1 is a master regulator of cancer dependency on fatty acid oxidation. <b>2022</b> , 41, 111445		2
49	Tugs-of-war in science. <b>2022</b> , 132,		0
48	Effect of Curcumin-Loaded Mesoporous Silica Nanoparticles on the Head and Neck Cancer Cell Line, HN5. <b>2022</b> , 44, 5247-5259		2
47	Lack of placental neurosteroid alters cortical development and female somatosensory function. 13,		0

46	LASS2 overexpression enhances early apoptosis of lung cancer cells through the caspase-dependent pathway. <b>2022</b> , 48,	0
45	Sensitization effect of kaempferol from persimmon leaves on HepG2 hepatoma cells with ABT-199 resistance and its molecular mechanisms. 13,	0
44	Notum leads to potential pro-survival of OSCC through crosstalk between Shh and Wnt/ $\beta$ -catenin signaling via p-GSK3 $\beta$ <b>2022</b> , 153, 106316	0
43	Empagliflozin protects against renal ischemia/reperfusion injury in mice. <b>2022</b> , 12,	0
42	A CRISPR Path to Finding Vulnerabilities and Solving Drug Resistance: Targeting the Diverse Cancer Landscape and Its Ecosystem. 2200014	0
41	Computational design of BclxL inhibitors that target transmembrane domain interactions.	0
40	Glaucomatous optic neuropathy: Mitochondrial dynamics, dysfunction and protection in retinal ganglion cells. <b>2022</b> , 101136	3
39	Systematic Review of the Therapeutic Role of Apoptotic Inhibitors in Neurodegeneration and Their Potential Use in Schizophrenia. <b>2022</b> , 11, 2275	0
38	Mitochondrial permeability transition pore-dependent necrosis. <b>2023</b> , 174, 47-55	0
37	Microcystin-LR-induced autophagy regulates oxidative stress, inflammation, and apoptosis in grass carp ovary cells in vitro. <b>2023</b> , 87, 105520	1
36	The effect of melatonin on sheep endometrial epithelial cell apoptosis through the receptor and non-receptor pathways. <b>2023</b> , 333, 114182	0
35	Taurine and deferiprone against Al-linked apoptosis in rat hippocampus. <b>2023</b> , 76, 127113	0
34	Effects of hypoxia and reoxygenation on oxidative stress, histological structure, and apoptosis in a new hypoxia-tolerant variety of blunt snout bream ( <i>Megalobrama amblycephala</i> ). <b>2022</b> , 111358	0
33	Treatment with quercetin increases Nrf2 expression and neuronal differentiation of sub ventricular zone derived neural progenitor stem cells in adult rats..	0
32	The ARTS of p53-dependent mitochondrial apoptosis.	1
31	In Vitro Analysis of Biological Activity of Circulating Cell-Free DNA Isolated from Blood Plasma of Schizophrenic Patients and Healthy Controls Part 2: Adaptive Response. <b>2022</b> , 13, 2283	0
30	Long-Lived B Cells Are Distinguished by Elevated Expression of A1. <b>1998</b> , 160, 107-111	12
29	Increased Apoptosis of T Cell Subsets in Aging Humans: Altered Expression of Fas (CD95), Fas Ligand, Bcl-2, and Bax. <b>1998</b> , 160, 1627-1637	42

28	A Physiologic Role of Bcl-xL Induced in Activated Macrophages. <b>1998</b> , 160, 2590-2596	17
27	Activated Rat Macrophages Produce a Galectin-1-Like Protein That Induces Apoptosis of T Cells: Biochemical and Functional Characterization. <b>1998</b> , 160, 4831-4840	18
26	CpG Oligodeoxyribonucleotides Rescue Mature Spleen B Cells from Spontaneous Apoptosis and Promote Cell Cycle Entry. <b>1998</b> , 160, 5898-5906	37
25	Characterization of a Novel Bax-Associated Protein Expressed in Hemopoietic Tissues and Regulated During Thymocyte Apoptosis. <b>1998</b> , 161, 1169-1175	1
24	Bcl-2-Mediated Inhibition of Apoptosis Prevents Immunogenicity and Restores Tumorigenicity of Spontaneously Regressive Tumors. <b>1998</b> , 161, 1433-1438	13
23	Down-Modulation of a Novel Bax-Associated Protein During Apoptosis in Normal Mature B Lymphocytes. <b>1998</b> , 161, 1176-1182	1
22	The Role of Apoptosis in the Resolution of T Cell-Mediated Cutaneous Inflammation. <b>1998</b> , 161, 1619-1629	17
21	The Susceptibility of Mice to Immune-Mediated Neurologic Disease Correlates with the Degree to Which Their Lymphocytes Resist the Effects of Brain-Derived Gangliosides. <b>1998</b> , 161, 2746-2752	4
20	The IL-2 Receptor Promotes Proliferation, bcl-2 and bcl-x Induction, But Not Cell Viability Through the Adapter Molecule Shc. <b>1998</b> , 161, 4627-4633	27
19	Phosphatidylinositol 3?-Kinase, But Not S6-Kinase, Is Required for Insulin-Like Growth Factor-I and IL-4 To Maintain Expression of Bcl-2 and Promote Survival of Myeloid Progenitors. <b>1999</b> , 162, 4542-4549	12
18	Overexpression of Bcl-2 in Transgenic Mice Decreases Apoptosis and Improves Survival in Sepsis. <b>1999</b> , 162, 4148-4156	46
17	Bcl-2-Induced Changes in E2F Regulatory Complexes Reveal the Potential for Integrated Cell Cycle and Cell Death Functions. <b>1999</b> , 162, 5374-5379	9
16	Fighting secondary triple-negative breast cancer in cerebellum: A powerful aid from a medicinal mushrooms blend. <b>2023</b> , 159, 114262	0
15	siRNA-E6 sensitizes HPV-16-related cervical cancer through Oxaliplatin: an in vitro study on anti-cancer combination therapy. <b>2023</b> , 28,	0
14	The effect of natural products combination on MCF-7 cells exceeds tamoxifen therapeutic dose effects in vitro. <b>2023</b> , 47, 891-904	0
13	Evaluation Expression of the Caspase-3 and Caspase-9 Apoptotic Genes in Schizophrenia Patients. <b>2023</b> , 21, 171-178	1
12	STAT3 regulation of Mtb-specific T cell function in active pulmonary tuberculosis patients. <b>2023</b> , 116, 109748	0
11	rtPA Directly Protects Neurons After Intracerebral Hemorrhage through PI3K/AKT/mTOR Pathway.	0

- 10 Guttiferone BL from the Fruits of *Allanblackia gabonensis* Induces Mitochondrial-Dependent Apoptosis in PA-1 Ovarian Cancer Cells. **2023**, 2023, 1-10 ○
- 9 Comprehensive transcriptional and metabolomic analysis reveals the neuroprotective mechanism of dietary gamma-aminobutyric acid response to hypoxic stress in the Chinese mitten crab (*Eriocheir sinensis*). **2023**, 135, 108663 ○
- 8 Diruthenium(ii,iii) paddlewheel complexes: effects of bridging and axial ligands on anticancer properties. **2023**, 10, 2226-2238 ○
- 7 Molecular characterization and expression analysis of B-cell lymphoma-2 in *Trachinotus ovatus* and its role in apoptotic process. 14, ○
- 6 Satureja khuzistanica Jamzad essential oil and pure carvacrol attenuate TBI-induced inflammation and apoptosis via NF- $\kappa$ B and caspase-3 regulation in the male rat brain. **2023**, 13, ○
- 5 Insights into Canine Infertility: Apoptosis in Chronic Asymptomatic Orchitis. **2023**, 24, 6083 ○
- 4 Octyl Gallate and Gallic Acid Isolated from *Terminalia bellirica* Circumvent Breast Cancer Progression by Enhancing the Intrinsic Apoptotic Signaling Pathway and Elevating the Levels of Anti-oxidant Enzymes. ○
- 3 Toxic effect window of ovarian development in female offspring mice induced by prenatal prednisone exposure with different doses and time. **2023**, 16, ○
- 2 Phototunable Cell Killing by Photochromic Diarylethene of Thiazoyl and Thienyl Derivatives. ○
- 1 Analysis of the influence of pyroptosis-related genes on molecular characteristics in patients with acute myocardial infarction. **2023**, 102, e33620 ○